



Environmental Laboratory Advisory Committee (ELAC) Meeting Minutes: March 9th, 2017

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 9:30am by the ELAC Chair, Dorothy Love (Eurofins). Meeting minutes were taken by Nick Straccione (SGS Accutest Inc.), ELAC secretary.

The January 2016 ELAC Meeting Minutes were approved, with a motion by Charles Anzolut (Agra Env.) and seconded by Lauren Jenkins (IAL).

Environmental Laboratory Certification Program (ELCP): Rachel Ellis (NJDEP-OQA) provided an update.

The laboratory renewal packages were sent out the first week of March and are due April 1st. A new Part III was included with the package with any additions or deletions. There will be 2 new formats to the ACPL, one for NELAP and one for ELAP accreditations. If anyone requires a change to their invoice, please make the adjustment to the payment according to the modification request. NJDEP OQA will make the change to the invoice once received, revised invoices will not be sent. Please do not overpay, it is a long and difficult process to get a refund. In some instances, such as public water systems, it is possible to submit a PO # or a voucher that will suffice for payment as it is considered a legal commitment.

NJDEP will not change to the new MUR until it has been published. A notification will be sent out once it becomes official.

All labs that currently have 8260B and 8270C on their scope will automatically receive 8260C and 8270D on this year's certification. Next year the older versions will be removed from all laboratories scope to comply with Update V. Labs will have one year to transition to the 8260C and 8270D.

A notice was sent to all applicable labs that ignitibility is being removed from all scopes in the NPW matrix. The method is not meant for waters, only solids and solvents which fall under the solids and chemical matrix.

Questions on the certification program should be directed to Rachel Ellis at rachel.ellis@dep.nj.gov.

Proficiency Test (PT) Program: Rachel Ellis (NJDEP-OQA) provided an update

The drinking water study is due the week of March 13th and letters should be sent out around mid-April. The Air PE study running now and is due to OQA April 7. Non potable Waters (NPW) study will start in about one week.

To clarify and rumors, NJDEP is not making PT's for PFOC's.

For NELAP laboratories a few minor changes will be made to the drinking water fields related to the acceptance criteria.

Questions on the proficiency testing program should be directed to Rachel Ellis at rachel.ellis@dep.nj.gov.

The NELAC Institute (TNI): Dorothy Love (Eurofins) provided an update.

The next meeting will be held in August. The chemistry module still needs to be approved but the committee is working on it.

NJ does not have a version in its regulations so they can adopt the new standard at any time.

Check the TNI website for additional information <http://www.nelac-institute.org/>.

Division of Water Supply/Safe Drinking Water: Linda Bonnette (NJDEP BSDW).

A few questions recently were presented to NJDEP. For clarification purposes, any sampling done for the Lead and Copper Rule needs to be a 1 liter bottle. Sampling scheduled by schools as part of meeting the BOE requirements needs to be collected in 250 ml bottles. However, if a school is a non-transient non-community water system monitoring for the Lead and Copper Rule requires the samples to be collected in a 1 liter bottle.

Public water systems that are required to measure water quality parameters associated with the Lead and Copper Rule are not required to hold OQA certification for these parameters but, may instead, submit the results as an "approved person". These parameters are temperature, pH, conductivity, alkalinity, orthophosphate, silica and calcium. The instructions for submitting results as an approved person can be found on the water supply website www.nj.gov/dep/watersupply/dws-sampreg.html. Should a public water system also have a lab with OQA certification for any of these parameters, the lab should submit results for those parameters under their own Lab Cert ID number. All other parameters need to be submitted under the approved person Lab Cert ID 11047as indicated in the instructions. An email regarding this issue was previously sent to water systems that have their own OQA certified labs.

Some water systems are having difficulty reaching the detection limits required for Gross Alpha due to high total dissolved solids (TDS). The NJDEP is presently working on including the co-precipitation method in the 48 Hour Gross Alpha method. There are certain co-precipitation methods that are approved by EPA for the analysis of gross alpha in drinking water. Once the NJDEP gets EPA approval to use the revised 48 Hour Gross Alpha method which will include the option of a co-precipitation method, the Bureau of Safe Drinking Water will notify all laboratories regarding its availability for use.

There was a meeting of the Drinking Water Quality Institute on February 16, the where a recommended PQL of 6 parts per trillion (ppt) and an MCL of 14ppt for PFOA in drinking water was voted on by the institute members. The process of regulation, which includes development and writing of the rules, will begin after the recommendations are formally presented to the NJDEP Commissioner. The implementation for the regulation of PFOA is at least a year away.

NJDEP recommends that community systems monitor if they have detections of over 0.4 ppb of 1,4-dioxane. EPA 522 is capable of meeting this limit with a reporting limit of 0.1 ppb. Since 1,4-dioxane is not a regulated contaminant, the NJDEP is recommending this monitoring, however, they cannot require it. A letter previously sent to water systems which included analytical information and requirements to apply for a loan to Spill Fund which is attached to the ELAC minutes.

Questions on the Drinking Water Program may be emailed to Linda Bonnette (NJDEP-BSDW) at: linda.bonnette@dep.nj.gov

Site Remediation & Waste Management Program (SRWMP): No update at this time.

There are no changes to the regulatory postings or promulgation schedule at this time.

Questions on the SRWMP program may be emailed to Greg Toffoli (NJDEP-SRWMP) at greg.toffoli@dep.nj.gov.

New Business:

NJDEP recently clarified that hold times are to be measured down to the minute for all analyses.

An email was recently circulated by NJDEP for Reporting Limits of Wastewater Metals by ICP/MS or GFAA. This information is to be used as a guideline for determining Sufficiently Sensitive Testing Methods (SSTMs) for limited metals parameters. A question was raised if ICP could be used if the limits were met? Once a response is provided by NJDEP it will be included in the minutes.

EDD Subcommittee Ken Liao and Roger Page (NJDEP-SRWMP-BIS) provided an update.

Ken Liao explained that more background programming is being worked on integrating Hazsite to Compass.

An error was recently discovered that two emails were sent in one day related to EDD's. One was correct and one went to another incorrect person. A notification was sent to the people affected by the error.

For users of the external version of EDSA who experience this error,

"Unhandled error. In DAO.Workspace, err 3050 - Couldn't lock file."

the electronic data help desk of Site Remediation now has a revised EDSA.exe that avoids the error. It eliminates the need for work-around techniques used in the past. Any EDSA user who encounters the 3050 error can request the revised executable file from the help desk at hazsite@dep.nj.gov to receive it along with instructions for inserting it in place of the prior EDSA.exe.

Questions and comments may be directed to Ken Liao (NJDEP-SRWMP-BIS) at ken.liao@dep.nj.gov

Communications / OQA Website:

ELAC Chair, Dorothy Love (Eurofins) reported that the NJDEP-OQA website was up to date with the approved minutes, ELAC bylaws, and 2016 calendar.

Meeting Schedule: The Meeting was adjourned with a motion by Mike Bauman (Landis) and seconded by Charles Anzolut (Agra Env.). The next scheduled ELAC Meeting will be held on **Thursday, May 11th, 2017 at 9:30AM**, at NJDEP, 401 East State Street, in **5th Floor Conference Room** in Trenton, New Jersey. **Those planning to attend must email the ELAC Secretary, Nick Straccione at: nicholas.straccione@sgs.com by Thursday, April 7th, 2017.**

Note: *All visitors must show one form of photo identification, or two non-photo IDs, when signing in at the NJDEP main lobby in the Trenton, New Jersey complex (401, 501, 440 and 428 E. State Street buildings). All visitors should be prepared to verify their identification. **Visitors must be escorted at all times by a NJDEP representative when in the building.***



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION
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%%:ws_wsletr_rwing
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%%:current_date_slong%%

%%:pi_gen_contact_name%%
%%:pi_name_proper%%
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Subject: %%:pi_name_ws%%
PWSID #: NJ%%:preferred_id%%
Recommendations Regarding 1,4-Dioxane

Dear %%:pi_gen_contact_name%%:

The New Jersey Department of Environmental Protection (NJDEP) has reviewed the 1,4-dioxane data from New Jersey community water systems that have sampled as part of the USEPA Unregulated Contaminant Monitoring Rule 3 (UCMR3), 40 CFR 141.40. A copy of all of %%:pi_name%% UCMR3 results reported to date for 1,4-dioxane is enclosed.

In November 2015 NJDEP established an Interim Specific Ground Water Quality Criteria (ISGWQC) of 0.4 micrograms per liter (µg/L) for 1,4-dioxane. Further information on the new ISGWQC for 1,4-dioxane can be found here: http://www.nj.gov/dep/wms/bears/gwqs_interim_criteria_table.htm.

Although a Maximum Contaminant Level (MCL) does not presently exist for 1,4-dioxane, the 0.4 µg/L ISGWQC is used as a guidance value for drinking water until a regulatory determination is made regarding establishing an MCL for 1,4-dioxane. As a result, NJDEP strongly recommends the following:

- Conduct quarterly monitoring of the finished water at the [REDACTED] Treatment Plant point of entry (POE);
- Conduct quarterly monitoring of raw water from the wells serving the [REDACTED] Treatment Plant to determine which well(s) may be contributing the 1,4-dioxane levels;
- Analyze samples for 1,4-dioxane using a laboratory that is certified by NJDEP’s Office of Quality Assurance to analyze for 1,4-dioxane using EPA Method 522, with a Minimum Reporting Level (MRL) of 0.1 µg/L.
 - A list of laboratories that are NJ-certified for EPA Method 522 can be found here: http://datamine2.state.nj.us/DEP_OPRA/OpraMain/categories?category=Certified+Laboratories then clicking on “Laboratories Certified by Analytical Method,” and using the drop down menu to find “EPA 522.”
 - On this webpage you will note that the “Matrix Description” is listed as “Non-Potable Water.” In this situation, a laboratory certified under a Non-Potable Water Matrix

description may be used in addition to a laboratory certified under a Drinking Water Matrix Description, provided the laboratory uses EPA Method 522 and is capable of reporting 1,4-dioxane to 0.1 µg/L or lower.

- By regulation, claims made to the New Jersey Spill Compensation Fund (for which you may be eligible – see below) must be accompanied by results from an appropriate NJ-certified laboratory. A claim cannot be considered using data from a laboratory that only has USEPA approval through UCMR3.
- Submit sample results electronically to NJDEP through the E2 system. We can work with your laboratory if it is not currently registered for electronic submittal of results.
- Your water system should evaluate whether it would be prudent to conduct quarterly monitoring for 1,4-dioxane at any of its other treatment plant(s) and wells that had lower concentrations than the treatment plant(s) noted above and/or are near the treatment plant(s) noted above.
- If there are points of entry that were not sampled as part of UCMR3, or from which the required number of rounds of sampling were not obtained, it may be necessary to conduct further monitoring for 1,4-dioxane. If this is the case, please contact NJDEP to discuss.

Please be advised that **%%:pi_name%%** may be eligible for compensation from the New Jersey Spill Compensation Fund if it can be determined that damages have been incurred due to a discharge of 1,4-dioxane into the environment. You may contact NJDEP's Environmental Claims Administration at (609) 633-0719 for more information regarding eligibility requirements and submission of a damage claim. Note that Spill Fund eligibility involves strict timeframes. Additional information can be found at: <http://www.state.nj.us/dep/srp/finance/eca.htm>

In addition, **%%:pi_name%%** may elect to take advantage of funding options offered through the New Jersey Drinking Water State Revolving Fund (DWSRF). Please contact NJDEP's Bureau of Safe Drinking Water at (609) 292-5550 for more information regarding eligibility requirements.

If you have any questions, please do not hesitate to contact Linda Walsh at (609) 292-5550 or linda.walsh@dep.nj.gov. When contacting NJDEP, please reference PWSID # NJ%%:preferred_id%% and Letter # %%:selected_action_class_and_id%%.

Sincerely,

Karen M. Fell, Assistant Director
Water System Operations Element

Enclosure

cc: %%:EnfRegion%% Bureau of Water Compliance and Enforcement
Linda Walsh, NJDEP Bureau of Safe Drinking Water
Frank Pinto, Environmental Claims Administration, NJDEP– SRP