Message

From: Petropoulou, Sissy@CDPH [Sissy.Petropoulou@cdph.ca.gov]
Sent: 11/20/2019 6:33:11 PM
To: Cagurangan, Christopher [Cagurangan.Christopher@epa.gov]; WILLIAMS, CYNTHIA [Williams.Cynthia@epa.gov]
CC: Ruberu, Shiyamalie@CDPH [Shiyamalie.Ruberu@cdph.ca.gov]; Draper, William@CDPH [William.Draper@cdph.ca.gov]
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Thank you Chris
We are good with the agenda. I am noticing that method 547 for glyphosate is not listed and wanted to point that out.

The samples we analyzed totally (including PT and laboratory reagent water analysis we perform every other month for our campus) were: 2017: (305), 2018 (748) and 2019 (so far): 667. In total of : 1720 samples.
A note: In these samples' numbers CA only regulated contaminants analysis (such as 1,2,3-TCP) and new unregulated contaminants analysis such as PFAs analysis samples are included also, especially for year 2019.

Thank you
Sissy

From: Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Sent: Wednesday, November 20, 2019 9:13 AM
To: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>; WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Good morning Sissy,

Attached is our draft agenda for your lab's upcoming audit. Please let us know if this schedule works out for you or if we need to amend it in any way to accommodate your staff's availability.

Also would you please provide us with the total number of drinking water compliance samples that your lab has analyzed from January 2017 to present. An estimate would be acceptable if the data isn't readily available.

Thank you,
Chris

Christopher Cagurangan | cagurangan.christopher@epa.gov | **(510) 412-2376**
US EPA Region 9 Laboratory, 1337 S. 46th Street, Bldg. 201, Richmond, CA 94804-4698

Please consider the environment before printing this e-mail.

From: Petropoulou, Sissy@CDPH [mailto:Sissy.Petropoulou@cdph.ca.gov]
Sent: Monday, November 18, 2019 2:01 PM
To: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Cc: Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>; Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Ok Cynthia, We will have a computer for you to access LIMS at anytime.
Also I have been going through the documentation. It just became apparent to me we forgot to scan the 531.2 and send it to you with our documents. I am so sorry about this. Please see attached for your reference.

Thank you
Sissy

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Responses after 5 pm on Fridays might not reach the recipients till Monday mornings due to systems' updates in CDPH.

Please make sure to submit all requests needed attention by Friday mornings.

Syrago-Styliani (Sissy) Petropoulou, M.Sc., Ph.D.
Research Scientist Supervisor I (Chemistry Unit)
Drinking Water & Radiation Laboratory Branch
California Dept. of Public Health
850 Marina Bay Pkwy, MS G-164
Richmond, California 94804-6403
Phone: 510-620-2942
Email: Sissy.Petropoulou@cdph.ca.gov

From: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Sent: Monday, November 18, 2019 9:45 AM
To: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>
Cc: Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

EXTERNAL SENDER:Williams.Cynthia@epa.gov. Only open links and attachments from known senders. Do not provide your username or password. To report suspicious emails, click "Report Phish" button.

It would probably be easier for us to have a separate computer. We will use it during various parts of the day.

Cynthia Williams

USEPA Region 9 Laboratory
1337 S. 46th Street, Bldg. 201
Richmond, CA 94804
Phone: 510-412-4828
Fax: 510-412-2302
williams.cynthia@epa.gov

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From: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>
Sent: Monday, November 18, 2019 9:40 AM
To: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Cc: Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Of course. Does it have to be separate or my computer will work for you?

Sissy

From: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Sent: Monday, November 18, 2019 9:38 AM
To: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>
Cc: Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

EXTERNAL SENDER:Williams.Cynthia@epa.gov. Only open links and attachments from known senders. Do not provide your username or password. To report suspicious emails, click "Report Phish" button.

Hi Sissy,

It will be myself and Christopher Cagurangan for the audit. Also, would it be possible for us to have a computer to access your LIMS data?

Cynthia Williams
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Fax: 510-412-2302
williams.cynthia@epa.gov

Please consider the environment
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From: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>
Sent: Monday, November 18, 2019 9:34 AM
To: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>; Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>; Husby, Peter <Husby.Peter@epa.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Dear Cynthia.
Great to hear.
Please when ready also send me all the names of the visitors (due to the upcoming holiday I will need the names by Tuesday 11/26, so I can request access cards from the security office and get visitors approval access.

Thank you
Sissy

From: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Sent: Monday, November 18, 2019 7:44 AM
To: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>; Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>; Husby, Peter <Husby.Peter@epa.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Hi Sissy,

We completely understand and appreciate the efforts that have been made for the upcoming audit. Yes, lets schedule to start on December 3rd (Tuesday) to make sure we can cover everything. We will send a tentative agenda out this week for your review.

Thank you.

Cynthia Williams
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williams.cynthia@epa.gov

Please consider the environment before printing this email.

From: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>
Sent: Thursday, November 14, 2019 4:14 PM
To: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>; Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>; Husby, Peter <Husby.Peter@epa.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Hello Cynthia
Thank you for your email. I am really sorry to read the below but unfortunately CU will not have all its members available the week after the pre-scheduled week.
As a matter of fact we did have to reschedule quite a bit our unit's time offs and activities to make sure we are available on Dec. 4-6th.
Since you are mentioning you might need an extra day, I want to mention that we are available the whole week of Dec 2-6th. If you need to add a day to our audit we are welcoming you to come in earlier as well than the 12/4.

Thank you for understanding
Sissy

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Please make sure to submit all requests needed attention by Friday mornings.

Syrago-Styliani (Sissy) Petropoulou, M.Sc., Ph.D.

Research Scientist Supervisor I (Chemistry Unit)

Drinking Water & Radiation Laboratory Branch

California Dept. of Public Health

850 Marina Bay Pkwy, MS G-164

Richmond, California 94804-6403

Phone: 510-620-2942

Email: Sissy.Petropoulou@cdph.ca.gov

From: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Sent: Thursday, November 14, 2019 11:02 AM
To: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>; Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>; Husby, Peter <Husby.Peter@epa.gov>

Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Hi Sissy,

We underestimated the time needed to prepare for DWRL's upcoming Chemistry audit, especially with the upcoming holiday. Would you and your staff be available the following week (Monday, December 9-Thursday, December 12)? We are requesting an additional day just in case we are not able to finish everything and to prevent a late exit meeting.

Please let me know if this is possible.

Thank you.

Cynthia Williams
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Richmond, CA 94804
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Fax: 510-412-2302
williams.cynthia@epa.gov

Please consider the environment before printing this email.

From: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>
Sent: Friday, November 1, 2019 11:22 AM
To: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>; Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Thank you Cynthia.
One last note we saw with an employee of mine on the Excel with the analytes list for 531.2 the oxamyl was cut off. We do carbofuran and oxamyl with 531.2.

Thank you
Sissy

From: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Sent: Thursday, October 31, 2019 5:07 PM
To: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>; Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>

Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit

Thank you Sissy. We will review and get back with you if there are any questions.

Have a great Halloween and weekend.

Cynthia Williams
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williams.cynthia@epa.gov

Please consider the environment before printing this email.

From: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>
Sent: Thursday, October 31, 2019 4:49 PM
To: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>; Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Cc: Ruberu, Shiyamalie@CDPH <Shiyamalie.Ruberu@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>
Subject: RE: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit
Importance: High

Hello Cynthia
Please find attached the documentation as requested below.
Please do not hesitate to ask me any questions.

- The analysts per method are listed in the updated Excel document that also includes corrections for the table below.
- Our normal hours of operation for Chemistry Unit are: 7.30 am – 5 pm
- There is no conflict of our staff for their availability except the fact that one of my employees Mr. Mario Estrada is retiring at the end of November. Dr. Zheng Miao will be also taking over the three methods listed currently on the documentation as "vacant" but he has not finished his training yet.

Note: as you might know our QAPP has not been signed by all management yet but this is the final version that has been sent for signatures.

Thank you and Happy Halloween
Sissy

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Please make sure to submit all requests needed attention by Friday mornings.

Syrago-Styliani (Sissy) Petropoulou, M.Sc., Ph.D.

Research Scientist Supervisor I (Chemistry Unit)

Drinking Water & Radiation Laboratory Branch

California Dept. of Public Health

850 Marina Bay Pkwy, MS G-164

Richmond, California 94804-6403

Phone: 510-620-2942

Email: Sissy.Petropoulou@cdph.ca.gov

From: WILLIAMS, CYNTHIA <Williams.Cynthia@epa.gov>
Sent: Tuesday, September 17, 2019 3:06 PM
To: Petropoulou, Sissy@CDPH <Sissy.Petropoulou@cdph.ca.gov>; Draper, William@CDPH <William.Draper@cdph.ca.gov>
Cc: Cagurangan, Christopher <Cagurangan.Christopher@epa.gov>
Subject: Request for Information--EPA DW Certification Evaluation of California Drinking Water and Radiation Laboratory (DWRL) Chemistry Unit
Importance: High

Good Afternoon,

The California Drinking Water and Radiation Laboratory (DWRL) is due for an evaluation for the purpose of renewing certification of the laboratory for analyzing chemistry parameters in drinking water samples under the U.S. Environmental Protection Agency's Safe Drinking Water Program.

Earlier this week, Bill Draper confirmed, by phone, **December 4-6th** for the on-site visit. Chris Cagurangan and myself will be conducting the evaluation.

To help minimize the duration of our site visit and the disruption to your lab staff, we would like the following materials emailed and questions answered:

- The Laboratory's current Quality Assurance Manual
- Send any QA SOPs (e.g. data integrity training; document control; non conformances and corrective actions; training; internal audits; management review; sample login and handling; reporting results, etc)
- Laboratory SOPs
- An organization chart or roster
- Are there any changes to the methods or regulated contaminants list below from the last on-site audit?

Inorganic Methods	**Parameters**
EPA 200.7	sodium

EPA 200.8	antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, nickel, selenium and thallium
EPA 245.1	mercury
EPA 300.1	fluoride, nitrite, nitrate, chlorite, bromate
Quickchem 10-204-00-1-X	cyanide
Organic Methods	**Parameters**
EPA 504.1	ethylene dibromide (EDB) and dibromochloropropane (DBCP)
EPA 508A	PCB as decachlorobiphenyl
EPA 515.4	2,4-D, pentachlorophenol, picloram, dinoseb, dalapon, and 2,4,5-TP (silvex)
EPA 524.2	benzene, carbon tetrachloride, chlorobenzene, p-dichlorobenzene, o-dichlorobenzene, 1,2-dichloroethane, 1,1-dichloroethylene, cis-1,2-dichloroethtylene, trans-1,2-dichloroethylene, dichloromethane, 1,2-dichloropropane, ethyl benzene, styrene, tetrachloroethylene, toluene, 1,2,4-trichlorobenzene, 1,1,1,-trichloroethane, 1,1,2-trichloroethane, trichloroethylene, vinyl chloride, xylenes (total), trihalomethanes (total of bromoform, chloroform, bromodichloromethane and dibromochloromethane)
EPA 525.2	benzo(a)pyrene, di(2-ethylhexyl)adipate, di(2-ethylhexyl)phthalate, alachlor, atrazine, simazine
EPA 531.2	carbofuran and oxamyl
EPA 547	glyphosate
EPA 548.1	endothall
EPA 549.2	diquat
EPA 552.3	haloacetic acids 5 (total)

- If not, could you list the analysts who are currently running the methods above?
- What are your normal hours of operation?
- Are there any conflicts with your staff's availability that we will need to work around?

Please send all requested materials **no later than Friday, November 1, 2019**. Once we receive the items, we will send a tentative agenda for review.

If you have any questions, you can contact me at (510)-412-4828 or Chris Cagurangan at (510)-412-2376.

Thank you and we look forward to meeting you.

Cynthia Williams
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williams.cynthia@epa.gov

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