Message

From: Bergman, Erica [Erica.Bergman@dep.nj.gov]
Sent: 9/3/2019 8:47:59 PM
To: McCord, James [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=McCord, James]; Sullivan, Kate [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=1ae54d9bb036451b8df78d633b928662-Sullivan, Kate]
CC: Strynar, Mark [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5a9910d5b38e471497bd875fd329a20a-Strynar, Mark]
Subject: RE: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Thanks James, I let the sampling contractor know. You should be receiving the samples on Friday.

Erica Bergman
NJ Department of Environmental Protection
Site Remediation Program – Bureau of Case Management
401 E. State Street - Mail Code 401-05F
P.O. Box 420
Trenton, NJ 08625-0420
erica.bergman@dep.nj.gov
609-292-7406

New Jersey DEPARTMENT of ENVIRONMENTAL PROTECTION
Connect with us:

From: McCord, James <mccord.james@epa.gov>
Sent: Tuesday, September 3, 2019 4:38 PM
To: Bergman, Erica <Erica.Bergman@dep.nj.gov>; Sullivan, Kate <Sullivan.Kate@epa.gov>
Cc: Strynar, Mark <Strynar.Mark@epa.gov>
Subject: [EXTERNAL] RE: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

To ensure a hardcopy of our phone conversation.

The duplicates can be collected in the emptied field blank bottles.

I would try to source nitric acid on your end to perform the duplicate spiking. In absence of that, if they are delivered quickly to us then I can perform the spiking when we receive the samples. I think that significant bacterial growth of the chilled duplicates will be minor during the collection and shipping time.
--
James McCord

From: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Sent: Tuesday, September 3, 2019 4:23 PM
To: Sullivan, Kate <Sullivan.Kate@epa.gov>

Cc: McCord, James <mccord.james@epa.gov>; Strynar, Mark <Strynar.Mark@epa.gov>
Subject: RE: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Kate/James or Mark,

Just following up on my questions regarding duplicates and field blanks, plus another question on nitric acid preservative, since the field crew is starting to collect samples tomorrow and will finish on Thursday.

- There are not enough bottles to collect two field duplicates: should the field blanks also serve as duplicates, or should the field crew use the emptied field blanks bottles to collect field duplicates?

- There is not enough nitric acid (18 vials) to add to field duplicates or collected field blanks. Can you overnight ship four (4) more vials of 1:1 nitric acid?

Thanks,
Erica

Erica Bergman
NJ Department of Environmental Protection
Site Remediation Program – Bureau of Case Management
401 E. State Street - Mail Code 401-05F
P.O. Box 420
Trenton, NJ 08625-0420
erica.bergman@dep.nj.gov
609-292-7406

From: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Sent: Tuesday, September 3, 2019 11:43 AM
To: Sullivan, Kate <Sullivan.Kate@epa.gov>
Subject: FW: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Kate,

It appears that there are enough bottles to collect two field blanks, since two extra bottles were included. However, there are not enough bottles to collect field duplicates. Alternatives: The collected field blanks will also serve as duplicates, or use the emptied field blank bottles as bottles to collect two field duplicates. Let me know what you think.

I will send the draft QAPP to Kleinfelder which should answer her questions on nitric preservative and sample bottle labeling.

Thanks,Erica

Erica Bergman
NJ Department of Environmental Protection
Site Remediation Program – Bureau of Case Management
401 E. State Street - Mail Code 401-05F
P.O. Box 420
Trenton, NJ 08625-0420
erica.bergman@dep.nj.gov
609-292-7406

New Jersey DEPARTMENT of ENVIRONMENTAL PROTECTION
Connect with us:

From: Lindsay Hutnick <LHutnick@kleinfelder.com>
Sent: Tuesday, September 3, 2019 11:28 AM
To: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Cc: Petrone, Ken <Ken.Petrone@dep.nj.gov>; Herzberg, Mark <Mark.Herzberg@dep.nj.gov>; Brendan Moran <BMoran@kleinfelder.com>; Laura Hegarty <LHegarty@kleinfelder.com>; Judith Kirkbride <jkirkbride@kleinfelder.com>
Subject: [EXTERNAL] RE: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Good Morning Erica,

As it turns out, the sample coolers were delivered at 7:59am this morning – 9/3/2019. We are working to figure out who received the coolers and why Judy was not notified, so this does not happen again in the future.

The following bottles were delivered in the 2 USEPA – NERL sample coolers:

- 20 empty bottles;
- 18 vials (labeled 50/50 H2NO:H2O);
- 2 field blanks;
- 2 trip blanks; and,
- 2 spiked blanks.

I assume that the 18 empty bottles and 18 vials (labeled 50/50 H2NO:H2O) should be used for the 6 sample locations, where 3 samples (effluent, midfluent and influent) will be collected per location. However, the typical sampling for this project uses Trizma preservative, so we need some further instruction on the sample collection.

Also, I assume that the remaining 2 empty bottles will be filled using the 2 field blank bottles and that these are considered the duplicates. Please note that these field blank bottles do not appear to contain preservative, as the bottles are not labeled as such. Lastly, I assume that we will not open the 2 trip blank or 2 spiked blank bottles.

Please note that the field blanks, trip blanks and spiked blanks are labeled with red tape across the lid. However, there were no sample bottle labels included with the cooler. Please also note that some of the sample bottles appear to be stained/dirty. A photo is attached for your reference.

We will keep an eye out for the USEPA - NERL QAPP and NJDEP COC. Perhaps the USEPA – NERL QAPP will detail sample collection and labeling instructions and confirm whether or not the assumptions above are correct. Otherwise, we may need to reach out to the lab for further clarification.

Thanks and take care.

Sincerely,
Lindsay

Lindsay M. Hutnick
Geoscientist

3 AAA Drive – 1st Floor
Hamilton, NJ 08691
d| 610.594.1444 x 126
o| 610.594.1444
m| 610.324.5106

This email may contain confidential information. If you have received this email—including any attachments—in error, please notify the sender promptly and delete the email and any attachments from all of your systems.

From: Lindsay Hutnick
Sent: Tuesday, September 3, 2019 9:03 AM
To: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Cc: Ken Petrone <Ken.petrone@dep.nj.gov>; Mark Herzberg <Mark.Herzberg@dep.nj.gov>; Brendan Moran <BMoran@kleinfelder.com>; Laura Hegarty <LHegarty@kleinfelder.com>; Judith Kirkbride <jkirkbride@kleinfelder.com>
Subject: RE: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Good Morning Again Erica,

I apologize for the confusion here. It turns out that the coolers had been delivered at some point on Friday, but our field crew was not notified. There was no ice in the cooler upon delivery or over the weekend, but based on your previous e-mail that should be fine. There is a bit of confusion regarding the bottles and I will send a follow-up e-mail on that; however I wanted to get this e-mail to you right away so that new coolers are not ordered for overnight delivery. Again, I apologize for the confusion. I will be in touch shortly with our questions regarding the bottles. Thanks and take care.

Sincerely,
Lindsay

Lindsay M. Hutnick
Geoscientist

3 AAA Drive – 1st Floor
Hamilton, NJ 08691
d| 610.594.1444 x 126
o| 610.594.1444

m| 610.324.5106

This email may contain confidential information. If you have received this email—including any attachments—in error, please notify the sender promptly and delete the email and any attachments from all of your systems.

From: Lindsay Hutnick
Sent: Tuesday, September 3, 2019 8:52 AM
To: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Cc: Ken Petrone <Ken.petrone@dep.nj.gov>; Mark Herzberg <Mark.Herzberg@dep.nj.gov>; Brendan Moran <BMoran@kleinfelder.com>; Laura Hegarty <LHegarty@kleinfelder.com>; Judith Kirkbride <jkirkbride@kleinfelder.com>
Subject: RE: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Good Morning Erica,

Despite our best efforts of trying to get in touch with someone at USEPA – NERL, the coolers did not arrive. We reached out to 6 different phone #s we found on the USEPA website and spoke with only 1 woman; we left voicemails on all other lines. The woman was in an airport and gave us contact information for 2 (of the other 5) other USEPA employees, but could not actually help us. As of 6pm on Friday – 8/30/2019 and it was not there this morning either. Please let us know how you would like to proceed with the sampling for Thursday – 9/5/2019. Would having a cooler overnighted for delivery tomorrow be an option? Thanks and take care.

Sincerely,
Lindsay

Lindsay M. Hutnick
Geoscientist

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Hamilton, NJ 08691
d| 610.594.1444 x 126
o| 610.594.1444
m| 610.324.5106

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From: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Sent: Tuesday, September 3, 2019 8:41 AM
To: Lindsay Hutnick <LHutnick@kleinfelder.com>
Cc: Ken Petrone <Ken.petrone@dep.nj.gov>; Mark Herzberg <Mark.Herzberg@dep.nj.gov>; Brendan Moran <BMoran@kleinfelder.com>; Laura Hegarty <LHegarty@kleinfelder.com>; Judith Kirkbride <jkirkbride@kleinfelder.com>
Subject: RE: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Lindsay,
Did the coolers arrive from EPA/NERL? I checked with them on Friday, but I didn't hear back.

Erica Bergman
NJ Department of Environmental Protection
Site Remediation Program – Bureau of Case Management
401 E. State Street - Mail Code 401-05F
P.O. Box 420
Trenton, NJ 08625-0420
erica.bergman@dep.nj.gov
609-292-7406

New Jersey DEPARTMENT of ENVIRONMENTAL PROTECTION
Connect with us:

From: Lindsay Hutnick <LHutnick@kleinfelder.com>
Sent: Friday, August 30, 2019 1:38 PM
To: Bergman, Erica <Erica.Bergman@dep.nj.gov>
Cc: Petrone, Ken <Ken.Petrone@dep.nj.gov>; Herzberg, Mark <Mark.Herzberg@dep.nj.gov>; Brendan Moran <BMoran@kleinfelder.com>; Laura Hegarty <LHegarty@kleinfelder.com>; Judith Kirkbride <jkirkbride@kleinfelder.com>
Subject: [EXTERNAL] Re: NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Good Afternoon Erica,

Thanks for the sample cooler and bottle information.

I just heard from Laura that the sample cooler has not been delivered to the KLF - Hamilton, NJ office yet. As such, we wanted to check-in to see if the lab mentioned an approximate delivery time and/or if there is contact information we should keep on-hand for the lab/courier?

We will also keep an eye out for the USEPA - NERL QAPP and NJDEP COC.

Thanks and take care.

Sincerely,
Lindsay

Sent from my iPhone

On Aug 29, 2019, at 3:02 PM, Bergman, Erica <Erica.Bergman@dep.nj.gov> wrote:

> Lindsay,
>
> I got a commitment from EPA/NERL that they will be sending sample bottles to the Kleinfelder-Hamilton address today for your receipt tomorrow. We also discussed the issue of maintaining ice in the coolers

before sampling. The research chemist at NERL that will be doing the analysis said that he will be preserving the blank and spiked blank water and that they do not need to be iced. Only the collected samples should be iced. They will be revising the QAPP to include this language. I hope to get the final version of the QAPP today or tomorrow and will pass it along to you.

We also discussed whether field blanks should be collected and they will supply the bottles for two field blanks. See below for bottles to be included:

18 unknowns (3 each per 6 sites)
2 spiked blanks
2 field blanks
2 trip blanks
2 field duplicates
Couple of extra bottles.

I will also send you an electronic copy of the DEP Chain of Custody form.

Thanks, Erica

Erica Bergman
NJ Department of Environmental Protection
Site Remediation Program – Bureau of Case Management
401 E. State Street - Mail Code 401-05F
P.O. Box 420
Trenton, NJ 08625-0420
erica.bergman@dep.nj.gov
609-292-7406
<image001.jpg>

From: Lindsay Hutnick <LHutnick@kleinfelder.com>
Sent: Thursday, August 29, 2019 12:01 PM
To: Petrone, Ken <Ken.Petrone@dep.nj.gov>; Herzberg, Mark <Mark.Herzberg@dep.nj.gov>; Bergman, Erica <Erica.Bergman@dep.nj.gov>
Cc: Brendan Moran <BMoran@kleinfelder.com>; Laura Hegarty <LHegarty@kleinfelder.com>; Judith Kirkbride <jkirkbride@kleinfelder.com>
Subject: [EXTERNAL] NJDEP - Solvay/PF PFAS Study: POET and PW Sample Schedule Update

Good Morning Erica, Ken and Mark,

We have confirmed POET and PW Sampling appointments for 9/4/2019 and 9/5/2019 with property owners. In brief, the sampling schedule is as follows:

- **Wednesday - 9/4/2019**: 1 Initial Post-Install POET Sample and 2 Initial PW Samples; and,

- **Thursday - 9/5/2019**: 2 Initial Post-Install POET Samples and 6 POET Samples for USEPA - NERL.

Please let me know if you have any questions or concerns. I can be reached via e-mail or cell (610-324-5106). Thanks and take care.

Sincerely,

Lindsay

Sent from my iPhone