To: Prince, John[Prince.John@epa.gov]; Mugdan, Walter[Mugdan.Walter@epa.gov]; Garbarini, Doug[Garbarini.Doug@epa.gov]; McKnight, Bob[McKnight.Bob@epa.gov]
Cc: McEnery, Courtney[mcenery.courtney@epa.gov]; Sivak, Michael[Sivak.Michael@epa.gov]
From: Carpenter, Angela
Sent: Tue 1/2/2018 9:31:51 PM
Subject: FW: MobiLab for PFAS
Final Absolute Report Soil_oct2017_Inv165556.pdf
WaterSPE_PT_091517E_FINAL_ERAReport_26Oct2017_mjg.pdf
WS-246_ERAFinalReport82593.pdf
5493 WS 041317.pdf
L17-248-R4 Cascade Technical Services DODELAP FINAL.pdf
PFAS Mobilab_7.jpg

An update on potential mobile lab services for PFAS (inc. GenX).

From: Gabry, Jon
Sent: Tuesday, January 02, 2018 4:26 PM
To: Carpenter, Angela <Carpenter.Angela@epa.gov>
Subject: FW: MobiLab for PFAS

FYI - Additional Information (Recent Performance Evaluation – PE results) on Cascade Mobilab for PFAS. During my call today the lab said they would be gearing up to analyze for GenX

From: Helmer Korb [mailto:hkorb@cascade-env.com]
Sent: Tuesday, January 02, 2018 4:10 PM
To: Gabry, Jon <Gabry.Jon@epa.gov>
Subject: RE: MobiLab for PFAS

Hi Jon,

Thanks for taking my call today. I have attached our recent PT results for water and soil analysis for our PFAS mobile laboratory. Also included our DoD-ELAP accreditation certificate. We also have our New Hampshire ELAP certificate too that completed just a few weeks ago.

Let me know if there's anything I can do to help your team bring our lab on board for work!

Thanks
Helmer

CASCADE
DRILLING | TECHNICAL SERVICES

HELMER KORB PFAS MANAGER / PROJECT CHEMIST
CASCADE | 1 Home Farm Way, Montpelier VT 05602
M 802-595-1033 | HKORB@CASCADE-ENV.COM
EXCELLENCE ON EVERY LEVEL™ WWW.CASCADE-ENV.COM
Please consider the environment before printing this e-mail

This communication, including any attachments, is for the exclusive use of the addressee and may contain proprietary, confidential and/or privileged information and is protected by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521. If you are not the intended recipient, any use, copying, disclosure, dissemination or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this communication and destroy all copies.

From: Gabry, Jon [mailto:Gabry.Jon@epa.gov]
Sent: Wednesday, December 27, 2017 5:19 PM
To: Helmer Korb <hkorb@cascade-env.com>

Subject: RE: MobiLab for PFAS

Helmer –

With Industry switching to these compounds and them already being of environmental concern, especially in NC (https://www.cbsnews.com/news/wilmington-nc-cape-fear-river-water-tainted-genx-dupont-chemours/), – yes, we would need them analyzed in the very near future. Some of the fixed base labs doing PFAS work have already started to add them to their compound lists (https://www.pacelabs.com/environmental-services/specialty-services/pfas-analysis.html). You may want to consider including these GenX compounds to your analyte list.

Jon

Jon C. Gabry, Ph.D.
Chief, Hazardous Waste Support Branch
USEPA Region 2
2890 Woodbridge Avenue, MS-102
Edison, NJ 08837

Phone: (732) 321-6650
Cell: (862) 576-1493
Fax: (732) 906-6824
Email: gabry.jon@epa.gov

From: Helmer Korb [mailto:hkorb@cascade-env.com]
Sent: Wednesday, December 27, 2017 4:17 PM
To: Gabry, Jon <Gabry.Jon@epa.gov>
Subject: RE: MobiLab for PFAS

Hi Jon,

Not yet. Do you need these added to a specific compound list?

Thanks
Helmer

CASCADE
DRILLING | TECHNICAL SERVICES

HELMER KORB ANALYTICAL CHEMIST
CASCADE | 1 Home Farm Way, Montpelier VT 05602
M 802-595-1033 | HKORB@CASCADE-ENV.COM
EXCELLENCE ON EVERY LEVEL™ WWW.CASCADE-ENV.COM
Please consider the environment before printing this e-mail

This communication, including any attachments, is for the exclusive use of the addressee and may contain proprietary, confidential and/or privileged information and is protected by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521. If you are not the intended recipient, any use, copying, disclosure, dissemination or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this communication and destroy all copies.

From: Gabry, Jon [mailto:Gabry.Jon@epa.gov]
Sent: Wednesday, December 27, 2017 2:30 PM
To: Helmer Korb <hkorb@cascade-env.com>
Subject: RE: MobiLab for PFAS
Importance: High

Helmer –

Thank you for the quick response – one more question – are you set up or have you analyzed GenX (NaDONA and PFProPrA)?

Jon

Jon C. Gabry, Ph.D.
Chief, Hazardous Waste Support Branch
USEPA Region 2
2890 Woodbridge Avenue, MS-102
Edison, NJ 08837

Phone: (732) 321-6650
Cell: (862) 576-1493
Fax: (732) 906-6824
Email: gabry.jon@epa.gov

From: Helmer Korb [mailto:hkorb@cascade-env.com]
Sent: Wednesday, December 27, 2017 1:46 PM
To: Gabry, Jon <Gabry.Jon@epa.gov>
Cc: Jackson, Amelia <Jackson.Amelia@epa.gov>; Cocuzza, Phil <Cocuzza.Phil@epa.gov>; Kubik, Kevin <Kubik.Kevin@epa.gov>; Jessica Bacon <jbacon@cascade-env.com>; Seth Pitkin <spitkin@cascade-env.com>; Michael Rossi <mrossi@cascade-env.com>; Morgan Greenwald <mgreenwald@cascade-env.com>
Subject: FW: MobiLab for PFAS

Hello Jon,

Thank you and your team at EPA Region 2 for the interest in our PFAS Mobile Laboratory program. I have added comments to your questions below as well as attachments that will help.

Due to the Holiday schedule this week additional follow-up might be delayed, thanks for your patience.

Very Best,
Helmer

CASCADE
DRILLING | TECHNICAL SERVICES

HELMER KORB ANALYTICAL CHEMIST
CASCADE | 1 Home Farm Way, Montpelier VT 05602
M 802-595-1033 | HKORB@CASCADE-ENV.COM
EXCELLENCE ON EVERY LEVEL™ WWW.CASCADE-ENV.COM
Please consider the environment before printing this e-mail

This communication, including any attachments, is for the exclusive use of the addressee and may contain proprietary, confidential and/or privileged information and is protected by the Electronic Communications Privacy Act, 18 U.S.C. 2510-2521. If you are not the intended recipient, any use, copying, disclosure, dissemination or distribution is strictly prohibited. If you are not the intended recipient, please notify the sender immediately by return e-mail, delete this communication and destroy all copies.

From: Gabry, Jon [mailto:Gabry.Jon@epa.gov]
Sent: Thursday, December 21, 2017 6:09 AM
To: Cascade Communications <communications@cascade-env.com>
Cc: Jackson, Amelia <Jackson.Amelia@epa.gov>; Cocuzza, Phil <Cocuzza.Phil@epa.gov>; Kubik, Kevin <Kubik.Kevin@epa.gov>
Subject: MobiLab for PFAS
Importance: High

Good Morning –

EPA Region 2 is very interested in your PFAS MobiLab for PFAS – We are specifically interested in the following information:

- Compound analyte list
  - Please see attached, but basically the 24 DoD listed compounds
- Analyte specific detection limits for soil and water
  - Please see attached for MDLs and Reporting Limits for our 3 PFAS methods. Direct Aqueous Injection (Water), Sold Phase Extraction (Water) and Inline SPE for Soils.
- Lab control spike recoveries
  - Pending more data but currently we use 70%-130%
- Lab control spike duplicates results
  - Pending more data, currently +/-30% RPD
- Calibration curve specifics (i.e., # of standards, conc. of standards, continuing calibration specifics, etc.)
  - 24 native PFAS compounds, 19 isotopically labeled Internal-Injection Standards, 4 isotopically labeled Surrogate-Extraction standards. Typically 9 calibration levels 2ppt to 4000ppt.
- MobiLab QMP or QAPP or specific quality program it is operating under (Is this available for review?)
  - Operating under DoD QSM 5.1 and more details can be provided by our QA/QC manager Morgan Greenwald.
- Any additional QA/QC data (PE results, etc.)
  - Can be provided
- Where is the MobiLab mobilized from (i.e., its home base)? – your literature suggests it may be Montpelier, VT – is this correct?
  - Yes, based out of Montpelier Vermont. Completed field projects in Michigan and Wisconsin and supporting sample analysis at fix facility in Montpelier.
- Rates plus and scheduling/ ordering/contracting conditions or specifics (i.e., lead times, Ts&Cs, etc.)
  - We can provide quotation, need specific start/stop dates, site location, expected number of samples each day. We typically provide results 2-3 times daily while conducting onsite field operations.
- Ancillary services, such as supplying certified analyte-free water for decon, rinsing pumps, etc. – Is this possible?
  - Possible yes depending on the scope of the services. Will Cascade be doing the drilling work too or just PFAS Mobile Lab?
- Any other information you'd like to provide
  - We will be in touch to determine your project specifics and develop a quotation for the services needed.
  - The laboratory brochures can be downloaded here, as well as other Cascade services
  - http://cascade-env.com/tech-services/analytical-chemistry/

Thank you very much and we are excited at the prospect of working with EPA Region 2.

Please feel free to contact me directly – Thank you!

Regards,

Jon

<image002.png>
Jon C. Gabry, Ph.D.
Chief, Hazardous Waste Support Branch
USEPA Region 2
2890 Woodbridge Avenue, MS-102
Edison, NJ 08837

Phone: (732) 321-6650
Cell: (862) 576-1493
Fax: (732) 906-6824
Email: gabry.jon@epa.gov