Task

Subject: PFAS - QAPP
Start Date: 11/20/2019
Due Date: 4/15/2020

Status: In Progress
Percent Complete: 0.75

Total Work: 0
Actual Work: 0

Owner: Montilla, Alex

From: Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Sent: Wednesday, November 20, 2019 12:19 PM
To: Montilla, Alex <Montilla.Alex@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>
Cc: Yourish, Jesse <yourish.jesse@epa.gov>; Barrette, Michael <Barrette.Michael@epa.gov>; Gillespie, Andrew <Gillespie.Andrew@epa.gov>; Julie Blue <Julie.Blue@erg.com>
Subject: Use of ORD's STREAMS III contract for support on PFAS initiatives

Alex,

We just received a modification to Technical Directive #23 (attached) under the STREAMS III Task Order 6. Thank you.

We will prepare a price proposal. When that is accepted, this vehicle will be active.

Capacity:

- We are submitted a price proposal fo Ex. 5 Deliberative Process (DP). I don't have the price yet.
- The TD can be modified to add funding. The capacity on the overall Task Order is very large.

Who can give us direction/make requests:

- Only Dave Burden can make changes to scope or contract modifications.
- Other EPA staff (Montilla, Buckley, Barrette, others) can make more granular requests and provide instructions. We will assume that all requests come from or flow through Alex or Tim.
- At ERG, Julie Blue runs the Task Order under which this Technical Directive was issued. She will be involved in some contract management and quality review (Julie has content smarts and has worked on PFAS issues). Andrew Stoeckle will be on point for the Technical Directive.

Note:

- The contract option period ends on April 15th, so all work must be completed by then. If EPA wants to keep going they have to issue a new TO under the next option year (heads up).
- Travel for contractors must be requested and approved well ahead of time (Dave Burden can describe the process).

QAPP:

- Also attached is the draft QAPP that was prepared for the initial phase of TD 23 and submitted to EPA for review. We did not receive comment or approval.

Andrew Stoeckle | VP, Information and Analysis | Eastern Research Group | o. 781.674.7261 c. Ex. 6 Personal Privacy (PP)

ERG-GWTSC-023 Amendment 01 (... DRAFT_QAPP_...

20 November 2019. This QAPP has not be signed yet. Please review the QAPP

From: Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Sent: Wednesday, November 20, 2019 4:27 PM
To: Buckley, Timothy <Buckley.Timothy@epa.gov>; Montilla, Alex <Montilla.Alex@epa.gov>
Cc: Ferguson, Holly <Ferguson.Holly@epa.gov>; Julie Blue <Julie.Blue@erg.com>
Subject: RE: Use of ORD's STREAMS III contract for support on PFAS initiatives

I believe these files comprised the appendices

Andrew Stoeckle | VP, Information and Analysis | Eastern Research Group | o. 781.674.7261 c. Ex. 6 Personal Privacy (PP)

ECHO_Quality_... Required Variables for WQX.docx Information Sources Currentl...

From: Burden, David <Burden.David@epa.gov>
Sent: Monday, December 09, 2019 4:46 PM
To: Montilla, Alex <Montilla.Alex@epa.gov>
Subject: RE: Use of ORD's STREAMS III contract for support on PFAS initiatives

Alex,

Here is the latest approved TD that has ERG has to work under.

Dave

ERG-GWTSC-023 Amendment 02.d...

16 December 2019. Andrew has to send us the ECHO PFAS Analytic Tools Documentation and Information Version 3, September 6, 2018. We have to represent each data source (see Andrew's diagram) which says why we are getting the data from these sources, was it selected over others, is it better than others? It might be only available. ERG will look for the QAPP for WQP and if he cannot find it Andrew will let me and Tim know and then we'll have Holly chase it down. Holly is going to write up some questions for Andrew and will provide them to him on Wednesday.

From: Ferguson, Holly <Ferguson.Holly@epa.gov>
Sent: Friday, December 20, 2019 1:32 PM
To: Montilla, Alex <Montilla.Alex@epa.gov>; Pilant, Drew <Pilant.Drew@epa.gov>; Burden, David <Burden.David@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Barrette, Michael <Barrette.Michael@epa.gov>
Cc: Tadesse, Haile <tadesse.haile@epa.gov>; Lanier, Sarah <Lanier.Sarah@epa.gov>; Miller, Rebecca <Miller.Rebecca.L@epa.gov>; Julie Blue <Julie.Blue@erg.com>; Linda Hills <Linda.Hills@erg.com>; Yourish, Jesse

<yourish.jesse@epa.gov>; Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Subject: RE: STREAMS III QAPP Discussion

Hi all,

Attached is the requested follow-up, providing my guidance recommendations for addressing sources of existing data in the PFAS QAPP(s). Please note that this email is ***not*** intended to be technical direction to any contractors included in the distribution list of this meeting invitation. Any technical direction to ERG must come directly from Dave Burden. This information is equally applicable QAPPs written by EPA, their contractors, or cooperators.

I'll be out of the office until Mon. Dec. 30th and can address any additional questions at that time.

Thank you,
Holly Ferguson
Director of Quality Assurance for Health and Ecological Research
Center for Public Health and Environmental Assessment
Office of Research and Development
U.S. Environmental Protection Agency
919-541-2326

Guidance for PFAS QAPP 20191220... NHEERL QAPP Guidance for Ana...

From: Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Sent: Tuesday, January 28, 2020 4:39 PM
To: Montilla, Alex <Montilla.Alex@epa.gov>; Ferguson, Holly <Ferguson.Holly@epa.gov>
Cc: Brielle Kissel Meade <Brielle.Kissel@erg.com>; Emma Borjigin-Wang <emma.borjigin-wang@erg.com>; Julie Blue <Julie.Blue@erg.com>; Linda Hills <Linda.Hills@erg.com>
Subject: STREAMS II ITD 23 QAPP - draft inserts for your review

Alex and Holly,

Attached are drafts of inserts we are preparing for the STREAMS 23 QAPP. These are intended to be folded into the QAPP Section 3.2 (Process for Developing Data Sets and Map Layers).

We selected three different types of information sources so that we could get your input prior to completing the documentation of the other sources that are part of the National PFAS Data Explorer.

- The Chemical Data Reporting is mandatory and a longstanding program under TSCA.
- The Water Quality Portal accepts submissions from a diverse set of contributors and republishes their sampling data.
- The PFAS Places of Interest is generated by an internal data call to EPA programs and Regions.

These follow the organizational format Holly provided in her guidance and example.

Your feedback is needed, welcome and will help make the QAPP usable and useful.

Draft QAPP Insert - CDR 01.28.20.... | Draft QAPP Insert - Places of Intere... | Draft QAPP Insert - WQP 01.28.20....

30 January 2020. Holly has reviewed the documents and will provide the comments. We need to create a trigger for people to toggle between records with QAPPs and records that do not have a QAPP. The disclaimer language may be helpful to include in the QAPP.

From: Ferguson, Holly <Ferguson.Holly@epa.gov>
Sent: Friday, January 31, 2020 4:43 PM
To: Montilla, Alex <Montilla.Alex@epa.gov>
Cc: Andrew Stoeckle <Andrew.Stoeckle@erg.com>; Pilant, Drew <Pilant.Drew@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Miller, Rebecca <Miller.Rebecca.L@epa.gov>; Lanier, Sarah <Lanier.Sarah@epa.gov>
Subject: RE: STREAMS II ITD 23 QAPP - draft inserts for your review

Hi Alex,

As we discussed in Thursday's PFAS meeting, please convey these comments to the contractor working on the QAPP. I will make general comments and suggestions in this email below, and I have attached the documents they sent with comments in Track Changes. Please request that they either revise the document to address the comments, or reply to the comments in the documents with additional information to inform the process. Feel free to set up a time for us to talk about the Places of Interest data.

General Comments:

1. It can be difficult to write or review something out of context. Make sure that each of the recent segments fits well within the context of the overall QAPP.
2. Run spell checker, and proofread the documents for syntax and grammar. There are several editorial errors.
3. Add the hyperlinks we discussed, especially on the WQP excerpt, make sure all web addresses are hyperlinked in the document, and make sure that all of the hyperlinks still work.
4. In the QAPP, be sure to handle how you will handle duplicate reporting of PFAS from different sources/databases.

Please let me know if you have any questions.

Thank you,
Holly Ferguson
Director of Quality Assurance for Health and Ecology
Center for Public Health and Environmental Assessment
Office of Research and Development
U.S. Environmental Protection Agency
919-541-2326

Draft QAPP Insert - WQP 01.28.20... | Draft QAPP Insert - Places of Intere... | Draft QAPP Insert - CDR 01.28.20_...

From: Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Sent: Monday, February 03, 2020 1:41 PM
To: Ferguson, Holly <Ferguson.Holly@epa.gov>; Montilla, Alex <Montilla.Alex@epa.gov>

Cc: Pilant, Drew <Pilant.Drew@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Miller, Rebecca <Miller.Rebecca.L@epa.gov>; Lanier, Sarah <Lanier.Sarah@epa.gov>; Emma Borjigin-Wang <emma.borjigin-wang@erg.com>; Brielle Kissel Meade <Brielle.Kissel@erg.com>; Julie Blue <Julie.Blue@erg.com>; Linda Hills <Linda.Hills@erg.com>
Subject: Re: STREAMS II ITD 23 QAPP - draft inserts for your review

Holly,

Thank you for the feedback.

We will incorporate changes into these three write-ups, prepare the others and get them into the QAPP doucument.

Andrew Stoeckle - Eastern Research Group, Inc. - 781.674.7261

From: Ferguson, Holly <Ferguson.Holly@epa.gov>
Sent: Tuesday, February 04, 2020 4:54 PM
To: Montilla, Alex <Montilla.Alex@epa.gov>
Subject: RE: STREAMS II ITD 23 QAPP - draft inserts for your review

Oh, sorry, I thought you were just asking about which QAM would sign the approval. Here's the rest of the process:

1. Tim/You give me the draft QAPP, and we iterate with the contractor to resolve any comments.
2. Once we're all satisfied, the following roles have to sign it for EPA: the EPA TOCOR, the PI, and the QA Manager. (QA Manager signs last so we can put everything into QA Track and send it back to the PI.)
3. The PI is responsible for distributing it to the team.

Does that help?

Holly

10 February 2020. ERG has reviewed the three inserts and has completed 5 of 6 inserts and will complete the turn in of the entire document by the end of the week. Holly agrees that we should see the whole document at once. Offices with a hand on contaminated sites: super funded, RCRA removal and RCRA corrective action. 200 active/4000 potential sites so we do not have comprehensive representation of PFAS data contrary to our comprehensive data representation on the tool. We need to say that it is NOT comprehensive. For example, we have hazardous waste sites are not included in our data. The places of interest insert needs to be sent to Samantha Linkins for coordination and to OLEM too. We are going to address the zip code issue. We need to explain what data we used and that we used UCMR3 and UCMR4 lists to get the better zip code representation. We need structure our change control process such that we can include update/approval of the QAPP prior to new release of the tool. We can create a schedule for the update of the tool. We can also use references to a repository of datasets that other people will use. We need to create a PFAS data repository in order to create a protocol to collect data extracts and combine them such that we are using a singular repository. We are only extracting PFAS data from different datasets. There is an annual review of the QAPP. Add a table for the revision history of the QAPP.

13 February 2020. Holly asked Antony to provide language about addressing acid forms of PFAS vs salt forms of PFAS for inclusion in the QAPP. He needs two weeks to provide. ERG will be done with the next version of the QAPP on Wednesday.

From: Julie Blue <Julie.Blue@erg.com>
Sent: Wednesday, February 19, 2020 9:11 PM
To: Burden, David <Burden.David@epa.gov>; Buckley, Timothy <Buckley.Timothy@epa.gov>; Montilla, Alex <Montilla.Alex@epa.gov>; Ferguson, Holly <Ferguson.Holly@epa.gov>
Cc: Linda Hills <Linda.Hills@erg.com>; Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Subject: STREAMS TO6 TD23 QAPP Rev. 1 - Geospatial and Data Visualization Tools for Per- and Polyfluorinated Alkyl Substances

Dear Colleagues,

Attached is Revision 1 of the STREAMS TO6 TD23 QAPP. The second document is Appendix G of the QAPP.

Please note that we have incorporated revisions based on Holly's comments to three of the appendices, and have added three more appendices for three additional data sources.

Please let us know if you have any additional comments.

Julie

DRAFT_QAPP_... Revision 1 2-19-...

Appendix G - ECHO_Quality_...

24 February 2020. Met with Holly today. She says more is needed in the QAPP. What we are doing with the information being gathered is not explicitly said in the current draft. What are we doing? How are we doing it? How do we make sure we did it right? Holly is going to send us examples we can use. I spoke with Julie, Andrew and Dave today and told them what we talked about. I will forward what Holly sends me when I receive it.

From: Pilant, Drew <Pilant.Drew@epa.gov>
Sent: Thursday, February 27, 2020 11:31 AM
To: Montilla, Alex <Montilla.Alex@epa.gov>
Cc: Andrew Stoeckle <Andrew.Stoeckle@erg.com>
Subject: Geospatial QAPP document

Alex and Andrew,
You have probably seen this already; a helpful document for QAPP development:
guidance_geospatial_data_qapp.pdf
Thanks,
Drew

Drew Pilant, Ph.D.
Remote Sensing Research
ORD/NERL/EMMD Sensing and Spatial Analysis Branch
RTP, NC
919.541-0648 pilant.drew@epa.gov

guidance_geosp...