To: Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]
Cc: betsy.ruffle@aecom.com[betsy.ruffle@aecom.com]; Willard Potter[otto@demaximis.com]; MikeBarbara[mab.consulting@verizon.net]; Lisa Saban[LisaS@windwardenv.com]
From: Robert Law
Sent: Mon 12/2/2013 9:23:47 PM
Subject: RE: LPR RA WorkPlan

yes

Robert Law, Ph.D.
de maximis, inc.
rlaw@demaximis.com
Voice: 908-735-9315
Fax: 908-735-2132

>>> "Naranjo, Eugenia" <Naranjo.Eugenia@epa.gov> 11/20/2013 1:14 PM >>>

Can you send me comments on the NBSA Crab and Clam QAPP before the December Holidays?

Let me know, thanks.

eugenia

From: Robert Law [mailto:rlaw@demaximis.com]
Sent: Thursday, October 31, 2013 9:37 AM
To: Naranjo, Eugenia
Cc: betsy.ruffle@aecom.com; Willard Potter; Vaughn, Stephanie; MikeBarbara; Lisa Saban
Subject: RE: LPR RA WorkPlan

Eugenia:

Thanks - I am not sure what document you are referring to and I even asked Betsy and Lisa because they know everything. CPG did the PFD in Aug 2009; followed by QAPPs from 2009 thru this year for Background sampling and submitted the revised RARC.

We can discuss.

Thanks for the QAPP.

R/

Ro

Robert Law, Ph.D.
de maximis, inc.
rlaw@demaximis.com
Voice: 908-735-9315
Fax: 908-735-2132

>>> "Naranjo, Eugenia" <Naranjo.Eugenia@epa.gov> 10/31/2013 9:27 AM >>>

Rob et. al,

Thanks, I would appreciate that document. Tierra submitted the attached QAPP during the government shutdown and therefore we were not able to review/comment/approve in time to sample at the end of October when the tides were favorable for crab sampling. Given the importance of this information for the human health risk assessment and the ecological food web model, we decided not to pursue this sampling later in the year because crabs would not be as abundant when we get colder weather and cooler water. I will let you know when we need comments by, but we are not in a rush since this sampling won't occur until the summer of 2014.

Nevertheless the EPA has started the review of the QAPP, and we will send comments to Tierra on the analytical methods -only- next week. We have also requested that Tierra submits a QAPP in November so they can start fish sampling in the winter (mid-January) -refer to table 4.4 of Problem Formulation Document, Assessment Endpoint 4- and expect that our comments on the analytical methods will be incorporated/addressed in that QAPP. We plan to have an approved QAPP before the holidays so that Tierra can mobilize in mid-January. This would allow us to finalize the risk assessment data collection in the fall of 2014.

I will forward this QAPP when we get as well (please remind me!).

eugenia

From: Robert Law [mailto:rlaw@demaximis.com]
Sent: Thursday, October 31, 2013 5:53 AM
To: Naranjo, Eugenia
Cc: betsy.ruffle@aecom.com; Willard Potter; Vaughn, Stephanie; Mike Barbara; Lisa Saban
Subject: Re: LPR RA WorkPlan

Eugenia:

I will check. I think it was agreed during the September 2012 meeting that the CPG would have an opportunity to review and comment on NBSA biota sampling QAPPs since the CPG modeling team's work includes developing the bioaccumulation model for the NBSA - please forward a the earliest opportunity and let us know when comments are due.

Thanks

R/

Rob

Robert Law, Ph.D.
de maximis, inc.
rlaw@demaximis.com
Voice: 908-735-9315
Fax: 908-735-2132

>>> "Naranjo, Eugenia" <Naranjo.Eugenia@epa.gov> 10/31/2013 5:28 AM >>>
Good morning,
I understand that the CPG submitted a risk assessment workplan that included details of the risk assessment sampling programs (schedule, number of events, sample size, details of the sampling) prior to submitting the individual QAPPs.
Can you email me that document or point me to it, please? I couldn't find it. Tierra recently submitted a NBSA QAPP for crab and clam sampling, but I would like them to submit a workplan or some kind of tech memo -similar to what CPG did- spelling out those details.
Thanks, I appreciate it,
eugenia