Message

**From:** Tapia, Cecilia [Tapia.Cecilia@epa.gov]
**Sent:** 12/10/2019 7:59:25 PM
**To:** Cozad, David [Cozad.David@epa.gov]; Lubbe, Wendy [Lubbe.Wendy@epa.gov]
**CC:** Davis, Michael [Davis.Michael@epa.gov]
**Subject:** FW: FW: Region 7 EPA - Laboratory Analytical Services Request (ASR).

**Ex. 5 Deliberative Process (DP)** We just need to know who to coordinate with. NDEE has requested additional assistance. We can assist with field work and metals analysis and possible procurement of the specialized analytical services if you wish (if you have $). The R7 lab currently does not have methods for Neonicotinoids Insecticides or fungicides. If you see significant work in this arena we can develop methods.

*Thanks*
*Cecilia Tapia*
*Director, Laboratory Services and Applied Sciences Division (LSASD)*
*US EPA Region 7*

*Cell 913-449-4171 Office 913-551-7733*
*Email: tapia.cecilia@epa.gov*

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**From:** Green, Jamie <Green.Jamie@epa.gov>
**Sent:** Tuesday, December 10, 2019 10:53 AM
**To:** Rosado-Chaparro, Wilfredo <Rosado-Chaparro.Wilfredo@epa.gov>; Jones, Doug <jones.doug@epa.gov>
**Cc:** Robichaud, Jeffery <Robichaud.Jeffery@epa.gov>; Huffman, Diane <Huffman.Diane@epa.gov>; Davis, Michael <Davis.Michael@epa.gov>; Adkins, Tabatha <Adkins.Tabatha@epa.gov>; Weekley, Erin <weekley.erin@epa.gov>; Buckner, Edwin <Buckner.Edwin@epa.gov>; Tapia, Cecilia <Tapia.Cecilia@epa.gov>; Pollard, Stephen <Pollard.Stephen@epa.gov>; Hamera, Donald <Hamera.Don@epa.gov>
**Subject:** RE: FW: Region 7 EPA - Laboratory Analytical Services Request (ASR).

Cecilia/Mike -

We haven't heard much about this issue recently. Do you know if the samples are related to the mash bi-product or their waste water – that could impact who coordinates. Early conversations included both CB and WB staff although I believe most of the concerns related to the bi-product.

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**From:** Rosado-Chaparro, Wilfredo <Rosado-Chaparro.Wilfredo@epa.gov>
**Sent:** Tuesday, December 10, 2019 9:48 AM
**To:** Jones, Doug <jones.doug@epa.gov>
**Cc:** Green, Jamie <Green.Jamie@epa.gov>; Robichaud, Jeffery <Robichaud.Jeffery@epa.gov>; Huffman, Diane <Huffman.Diane@epa.gov>; Davis, Michael <Davis.Michael@epa.gov>; Adkins, Tabatha <Adkins.Tabatha@epa.gov>; Weekley, Erin <weekley.erin@epa.gov>; Buckner, Edwin <Buckner.Edwin@epa.gov>
**Subject:** RE: FW: Region 7 EPA - Laboratory Analytical Services Request (ASR).
**Importance:** High

This analytical request in coming from NDEE on samples taken from the Alt-En ethanol plant. I believe the original request from April related to a **Ex. 5 Deliberative Process (DP)** LCARD has not been involved with any follow up coordination since the referral. Nor have we received any request for sample analisis from our pesticides counterparts from the Kansas Department of Agriculture. I am copying Erin Weekly in this

email for follow up, Ex. 5 Deliberative Process (DP) Erin, let me know if there is anything we can assist with from the program side.

Wilfredo Rosado-Chaparro, aka Wilo
Acting Branch Chief
Tanks, Toxics and Pesticides Branch (TTPB), LCARD
U.S. E.P.A., Region 7
11201 Renner Boulevard
Lenexa, KS 66219
Tel. 913-551-7944, Cel. 816-225-3089, Fax. 913-551-9944
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"La razón no grita, la razón convence." Luis A. Ferré

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**From:** Jones, Doug <jones.doug@epa.gov>
**Sent:** Tuesday, December 10, 2019 9:27 AM
**To:** Rosado-Chaparro, Wilfredo <Rosado-Chaparro.Wilfredo@epa.gov>
**Cc:** Green, Jamie <Green.Jamie@epa.gov>; Robichaud, Jeffery <Robichaud.Jeffery@epa.gov>; Huffman, Diane <Huffman.Diane@epa.gov>; Davis, Michael <Davis.Michael@epa.gov>; Adkins, Tabatha <Adkins.Tabatha@epa.gov>
**Subject:** FW: FW: Region 7 EPA - Laboratory Analytical Services Request (ASR).

Wilo, please see Cecelia's note below.

**Doug Jones** | Agriculture Advisor | Office of the Regional Administrator | U.S. EPA Region 7 | 11201 Renner Blvd | Lenexa, KS 66219 | (913) 551-7592

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**From:** Tapia, Cecilia <Tapia.Cecilia@epa.gov>
**Sent:** Tuesday, December 10, 2019 9:16 AM
**To:** Green, Jamie <Green.Jamie@epa.gov>; Robichaud, Jeffery <Robichaud.Jeffery@epa.gov>; Huffman, Diane <Huffman.Diane@epa.gov>
**Cc:** Jones, Doug <jones.doug@epa.gov>; Davis, Michael <Davis.Michael@epa.gov>; Adkins, Tabatha <Adkins.Tabatha@epa.gov>
**Subject:** FW: FW: Region 7 EPA - Laboratory Analytical Services Request (ASR).

Are you back in pesticides? NDEE called us wanted field and lab support again. Who do we coordinate with?

*Thanks*
*Cecilia Tapia*
*Director, Laboratory Services and Applied Sciences Division (LSASD)*
*US EPA Region 7*

Cell 913-449-4171 Office 913-551-7733
Email: tapia.cecilia@epa.gov

**From:** Davis, Michael <Davis.Michael@epa.gov>
**Sent:** Wednesday, April 3, 2019 1:38 PM
**To:** Tapia, Cecilia <Tapia.Cecilia@epa.gov>
**Subject:** FYI: FW: Region 7 EPA - Laboratory Analytical Services Request (ASR).

Keeping you in the loop on this
Mike

**From:** Adkins, Tabatha
**Sent:** Wednesday, April 03, 2019 11:55 AM
**To:** Gregson, Wade <wade.gregson@nebraska.gov>; Davis, Michael <Davis.Michael@epa.gov>
**Cc:** LeMaistre, Daniel <daniel.lemaistre@nebraska.gov>; mike.felix@nebraska.gov; Valentine, Kara <kara.valentine@nebraska.gov>
**Subject:** RE: Region 7 EPA - Laboratory Analytical Services Request (ASR).

On the screening methods, the NDEQ QAPP indicates samples will be taken for Neonicotinoids Insecticide screen, Strodoilurin fungicide screen, Trizaole fungicide screen and Pyrethroids and organophosphate screen. The R7 lab does not analyze for these particular screens, but we do have screening methods that may include a few of the analytes that fit into these categories. Our screening methods are set up for surface water samples (CWA/WQS/303d). These methods are not appropriate for seed corn, wet cakes, stillage or sludge. The sample would have to be water only. The turn- around- time for these types of analysis would be 45 days. These screens would probably not be the best option for this project since our methods focus on personal care/pharmaceutical products not on agricultural products. I have listed the analytes for both screenings below as reference.

Mercury was just a simple question no intent or meaning attached. At R7, we consider a metals analysis as strictly metals (i.e., Pb, Cr, Cd, etc). Some labs consider mercury as a metal w/in the metals request. I just wanted to clarify that you only wanted metals and not also mercury, especially since you might have worked w/ labs that automatically included mercury. Based on your email below it sounds like you want me to add Total and TCLP mercury. If you have any other questions feel free to call or email me. Hope this info helps. Thanks.

TJ

RLAB Method 3230.20D

Method 625

Acenaphthene
Acenaphthylene
Acetochlor
Alachlor
Aldrin
Anthracene
Atrazine
Azobenzene
Benzo(a)anthracene
Benzo(a)pyrene
Benzo(b)fluoranthene
Benzo(g,h,i)perylene
Benzo(k)fluoranthene
A-BHC
B-BHC
D-BHC
G-BHC
Bifenthrin
bis(2-Ethylhexyl)phthalate
Bromacil
4-Bromophenyl-phenylether
Butylbenzylphthalate
Carbazole
Chlordane, technical
2-Chloronaphthalene
4-Chlorophenyl-phenylether
Chlorothalonil
Chlorpyrifos
Chrysene
Coprostanol
p,p'-DDD
p,p'-DDE
p,p'-DDT
Di-n-butylphthalate
Di-n-octylphthalate
Diazinon

Dibenz(a,h)anthracene
Dibenzofuran
1,2-Dibromo-3-Chloropropane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2,4-Dichlorophenol
Dieldrin
Diethylphthalate
Diethyltoluamide (DEET)
Dimethenamid
Dimethylphthalate
Endosulfan I
Endosulfan II
Endosulfan Sulfate
Endrin
Endrin Ketone
17B-Estradiol
Estrone
Ethalfluralin
Ethoprop
17A-Ethynyl Estradiol
Fluoranthene
Fluorene
Heptachlor
Heptachlor Epoxide
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno(1,2,3-cd)pyrene
Isophorone
Malathion
p,p'-Methoxychlor
2-Methylnaphthalene
Metolachlor
Naphthalene
4-n-Nonylphenol
4-tert-Octylphenol Diethoxylate
4-tert-Octylphenol Monoethoxylate
4-tert-Octylphenol
Ethyl Parathion
Pendimethalin
Pentachlorophenol
Permethrin
Phenanthrene
Progestrone
Propachlor
Propanil
Propazine
Pyrene
Pyrethrins
Simazine
Terbufos
Testosterone
1,2,4-Trichlorobenzene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
Triclosan
Trifluralin
Tris (2-butoxyethyl) phosphate (TBEP)
Tris(2-chloroethyl) phosphate (TCEP)

2,4,5-T
2,4,5-TP
2,4-D
Acetaminophen
Acetochlor
Acetochlor ESA
Acetochlor OA
Alachlor
Alachlor ESA
Alachlor OA
Atrazine
Bisphenol A
Caffeine
Carbamazepine
Cyanazine
Desethyl-atrazine
Desisopropyl-atrazine
Diazinon
Dicamba
Dichlorprop
Estriol
Estrone
Fipronil
Fipronil Desulfinyl
Fipronil Sulfide
Fipronil Sulfone
Ibuprofen
Malaoxon
Malathion
Metolachlor
Metolachlor ESA
Metolachlor OA
Metribuzin
Naproxen
Pentachlorophenol
Prometon
Propachlor
Propachlor ESA
Propachlor OA
Propazine
Simazine
Sulfamethoxazole
Tebuthiuron
Thiabendazole
Thiacloprid
Triclocarban
Triclopyr
Triclosan
Warfarin

Tabatha Adkins, LABS Section Chief
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**From:** Gregson, Wade <wade.gregson@nebraska.gov>
**Sent:** Wednesday, April 03, 2019 9:30 AM
**To:** Adkins, Tabatha <Adkins.Tabatha@epa.gov>; Davis, Michael <Davis.Michael@epa.gov>
**Cc:** LeMaistre, Daniel <daniel.lemaistre@nebraska.gov>; mike.felix@nebraska.gov; Valentine, Kara <kara.valentine@nebraska.gov>
**Subject:** RE: Region 7 EPA - Laboratory Analytical Services Request (ASR).

Tabatha:

Yes on the TCLP mercury but I can't help wander what the basis is for the question and suspect that perhaps there is some sort of anticipated limitation with the time element or otherwise. Let us know.

**Request for Information:** Also, I just left you a voice message (your work phone forwarded to your cell phone). We need to get the specifics on your capabilities and limitations related to the pesticide and herbicide screening that you mentioned yesterday during the call. Please specify the specific analytes that you can do, then you mentioned that you can only do the screening methods for water samples, and you also indicated that you had doubts about the turnaround time aspect of being able to take the pesticides and herbicides analyses because of current workload / other factors. Would you be as so kind as to provide all of the specifics so that we can accurately communicate both the capabilities and the limiting factors to our upper management.

I know you are in the lab at the moment, hence, phone forwarded but we need this info ASAP to allow decision making that will clear the path for us to schedule the sampling event in the next couple business days.

Thanks,

*Wade A. Gregson,*

Groundwater Geologist | Project Manager | C.L.S.S.Y.B.
RCRA & FEDERAL FACILITIES UNIT
REMEDIATION SECTION | LAND MANAGEMENT DIVISION

Nebraska Department of Environmental Quality
1200 N Street, Suite 400, P.O. Box 98922, Lincoln, NE 68509-8922
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State Mission: Create opportunity by more effective, efficient, and customer-focused government.
NDEQ's Website: ***http://deq.ne.gov***

**From:** Adkins, Tabatha <Adkins.Tabatha@epa.gov>
**Sent:** Wednesday, April 03, 2019 8:37 AM

**To:** Gregson, Wade <wade.gregson@nebraska.gov>; Davis, Michael <Davis.Michael@epa.gov>
**Cc:** LeMaistre, Daniel <daniel.lemaistre@nebraska.gov>; Felix, Mike <mike.felix@nebraska.gov>; Valentine, Kara <kara.valentine@nebraska.gov>
**Subject:** RE: Region 7 EPA - Laboratory Analytical Services Request (ASR).

Are you wanting the metals to include total and TCLP mercury, also?

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**From:** Gregson, Wade <wade.gregson@nebraska.gov>
**Sent:** Tuesday, April 02, 2019 5:35 PM
**To:** Davis, Michael <Davis.Michael@epa.gov>; Adkins, Tabatha <Adkins.Tabatha@epa.gov>
**Cc:** LeMaistre, Daniel <daniel.lemaistre@nebraska.gov>; mike.felix@nebraska.gov; Valentine, Kara <kara.valentine@nebraska.gov>
**Subject:** Region 7 EPA - Laboratory Analytical Services Request (ASR).

Mike and Tabatha:

I just wanted to do a quick follow-on message to advise you that we obtained permission to go forward with utilizing Region 7 EPA's lab analytical services for TCLP Metals and Total Metals analysis, as we discussed during the call earlier this afternoon. Currently, the plan is to collect five samples (two wet-cake, two wastewater, and one seed corn). We will be finalizing plans to send a team of NDEQ personnel to collect the samples next Monday at the Alt-En ethanol plant. We intend to have our contractor, EA Engineering, ship the samples by overnight carrier on either Monday evening or on Tuesday. We hope you can provide analytical data within the approximate 3-week timeframe that was discussed.

Here are a few immediate coordination/action items for consideration:

1. Please provide the proper shipping address for this ASR.
2. We will prepare an ASR Form and can send you a draft copy for review before sending a final version for approval.
3. We have containers and labels, are there any special shipping instructions that we need to pass along?
4. I expect that we will use the Superfund / Brownfields Generic QAPP and will send you a copy of the final approved/signed QAPP Addendum Form that will be prepared accordingly.

Thank you for your advice and support on this important "fast-track" project.

*Wade A. Gregson,*
Groundwater Geologist | Project Manager | C.L.S.S.Y.B.
RCRA & FEDERAL FACILITIES UNIT
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