To: Gerhardstein, Ben[Gerhardstein.Ben@epa.gov]
Cc: Vianu, Libby (ATSDR/DCHI/WB)[ljl8@cdc.gov]
From: Meer, Daniel
Sent: Fri 8/25/2017 7:37:55 PM
Subject: RE: Request for EPA Assistance

Thanks Ben. In looking at the clarifications, I am not completely clear on why ATSDR would not want to initiate some sort of investigation. It is the prospect that sufficient data to conduct an inquiry would not be obtained? It seems like there is already some indication that ammonia levels in Arlington exceeded the EMEGs.

The latest I have heard is that it's possible that either the Maricopa County Public Health Department or the Arizona Department of Public Health might be brought in by AZ DEQ, to conduct some sort of investigation. I wonder if ATSDR could partner up with the AZ public health folks on this?

Maybe we can talk next week. Dan

Daniel A. Meer, Assistant Director

Superfund Division

Emergency Response, Preparedness and Prevention Branch

415.972.3132 (O)

415.971.6792 (C)

From: Gerhardstein, Ben
Sent: Friday, August 25, 2017 12:25 PM
To: Meer, Daniel <Meer.Daniel@epa.gov>
Cc: Vianu, Libby (ATSDR/DCHI/WB) <ljl8@cdc.gov>
Subject: RE: Request for EPA Assistance

Hi Dan – A couple more clarifications below in purple. Thanks,

Ben

From: Gerhardstein, Ben
Sent: Thursday, August 24, 2017 3:22 PM
To: 'Meer, Daniel' <Meer.Daniel@epa.gov>; Gerhardstein, Benjamin (ATSDR/DCHI/WB) <fty9@cdc.gov>
Cc: Vianu, Libby (ATSDR/DCHI/WB) <ljl8@cdc.gov>
Subject: RE: Request for EPA Assistance

Hi Dan,

Your interpretation of the ATSDR review of available data is correct, with a couple of minor exceptions – see edits below. Also, I think ATSDR would like to monitor for particulate matter as well.

-Ben

From: Meer, Daniel [mailto:Meer.Daniel@epa.gov]
Sent: Thursday, August 24, 2017 1:52 PM
To: Gerhardstein, Benjamin (ATSDR/DCHI/WB) <fty9@cdc.gov>
Cc: Vianu, Libby (ATSDR/DCHI/WB) <ljl8@cdc.gov>
Subject: RE: Request for EPA Assistance

Thanks Ben. This email should be sufficient for our purposes.

And let me make sure I understand this draft paper correctly.

We have a significant discrepancy between measured ammonia concentrations and modelled concentrations.

We have ammonia and hydrogen sulfide measurements being taken at times of the day that ~~when they~~ might not reflect the highest ~~the actual~~ ambient concentrations.

We have ammonia measurements taken with equipment that cannot detect ammonia at levels of chronic health concern. That said, ~~measured~~ ammonia was detected at the Arlington facility above ~~concentrations that exceed~~ the ATSD~~S~~R EMEGs for acute and chronic exposure.

We have measured hydrogen sulfide concentrations that exceed the EPA RfC and approach the ATSDR EMEG for intermediate exposure

The recommendation is that in order to properly evaluate the ambient air concentrations for the purpose of a health consult, we need 24 hr/day monitoring for several months.

Dan

Daniel A. Meer, Assistant Director

Superfund Division

Emergency Response, Preparedness and Prevention Branch

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From: Gerhardstein, Benjamin (ATSDR/DCHI/WB) [mailto:fty9@cdc.gov]
Sent: Thursday, August 24, 2017 12:05 PM
To: Meer, Daniel <Meer.Daniel@epa.gov>
Cc: Vianu, Libby (ATSDR/DCHI/WB) <ljl8@cdc.gov>
Subject: Request for EPA Assistance

Dear Dan,

As you know, earlier this year ATSDR received a petition from two groups, Don't Waste Arizona and Save Tonopah Oppose Poultry Plan (STOPP), to conduct a public health assessment of air emissions from Hickman's Egg Farms facilities in Tonopah and Arlington, Arizona. We also received a letter of support for the petition from the Arlington School District Board. ATSDR has been gathering available air monitoring data for the Hickman's facilities in Tonopah and Arlington to help us make a decision on whether to conduct public health assessment activities in response to the petition. Attached is a pre-decisional draft summary of the

monitoring and modeling data. ATSDR needs additional air monitoring data at lower detection limits to assess potential health risks and answer the petitioners' question. Could EPA help ATSDR with collecting additional air data near these facilities?

Thanks,

Ben

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Ben Gerhardstein, MPH

Environmental Health Scientist, Region 9 (Pacific Southwest)

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