Message

From: Beck, Nancy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=168ECB5184AC44DE95A913297F353745-BECK, NANCY]
Sent: 3/27/2019 8:18:27 PM
To: Dunlap, David [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=591eb15a268249dda0c05a7451f765c3-Dunlap, Dav]
Subject: Re: NCEA Weekly Report for March 27th, 2019

Thank you. We review all outside presentations presented by program. Please share any ORD presentations on chemical regulations as it is squarely our lane for our review.

Is the report below the one that goes to the AO?
Thanks.

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Nancy B. Beck, Ph.D., DABT
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Office of Chemical Safety and Pollution Prevention
Personal Matters / Ex. 6
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On Mar 27, 2019, at 9:03 AM, Dunlap, David <dunlap.david@epa.gov> wrote:

> Thought you might be interested in NCEA's weekly report and how Emma is giving a lecture to GWU students on chemical regulation. I will be asking some questions.
>
> DDD
>
> David D. Dunlap
> Personal Matters / Ex. 6
>
> **From:** Bahadori, Tina
> **Sent:** Wednesday, March 27, 2019 4:58 AM
> **To:** ORD-Exec-Council-Directors <Execcouncildirectors@epa.gov>; ORD-Mgmt-Council <ORDMgmtCouncil@epa.gov>
> **Cc:** ORD-IOAA-Front Office Support <ORDIOAASUPPORT@epa.gov>; McGovern, Madison <mcgovern.madison@epa.gov>; Champlin, Anna <Champlin.Anna@epa.gov>
> **Subject:** NCEA Weekly Report for March 27th, 2019
>
> **National Center for Environmental Assessment**
> **Weekly Report for March 27th, 2019**
>
> Notables listed below and 30-day Outlook attached.

HOT ITEMS

IRIS Congressional Hearing. On March 27th, there will be a House Congressional Hearing on "EPA's IRIS Program: Reviewing its Progress and Roadblocks Ahead." Details can be found at https://science.house.gov/hearings/epas-iris-program-reviewing-its-progress-and-roadblocks-ahead.

CASAC Teleconference. On March 28th, NCEA will participate in the public teleconference of the Clean Air Scientific Advisory Committee (CASAC), where they will discuss the Draft CASAC Letter on the External Review Draft of the Integrated Science Assessment for Particulate Matter.

IRIS Program Outlook. On April 2nd, the IRIS Program will post an IRIS Program Outlook that will provide updated schedules (by fiscal year quarter) for assessments in development.

Methylmercury IAP. On April 2nd, the Federal Register notice (FRN) announcing a May 15, 2019 public science meeting for the methylmercury IAP is expected to publish. The IAP will be available for public comment for 30 days.

NCEA TSCA Support. Staff have reviewed the exposure, environmental, and human health hazard, characterizations in the draft hexabromocyclododecane (HBCD) risk evaluation in advance of the expected rapid turn-around review for the full risk characterization likely to occur end of April-beginning of May. A small group of ORD experts from National Center for Computational Toxicology (NCCT), National Health and Environmental Effects Research Laboratory (NHEERL), and NCEA discussed trichloroethylene (TCE) and developmental toxicity with the Office of Pollution Prevention and Toxics (OPPT)/Risk Assessment Division (RAD) last week and are preparing some written comments. NCEA teams continue to work on 1,4-dioxane cancer mode of action and weight of evidence/evidence integration and both cancer and non-cancer sections for carbon tetrachloride. Staff are also supporting methylene chloride, trichloroethylene and perchloroethylene human health characterizations. Support on the asbestos workgroup continues with NCEA staff an integral part of the human health team. Study evaluations and associated quality control continue. The schedule for the nine risk evaluations currently being drafted is: 1,4-dioxane and HBCD first going to Agency review at end of April; the six solvents going to Agency review mid-May and asbestos about a month later.

WITHIN EPA

OLEM/OW Evidence Mapping. On March 26th, Kris Thayer demonstrated applications of systematic evidence mapping to assessment development to colleagues in OLEM and OW.

OLEM PFAS Discussion. On March 27th, Andrew Kraft, Samantha Jones, Kris Thayer, and Emma Lavoie will have an informal discussion about NCEA's PFAS assessments with OLEM.

OHHRRAF Workgroup Meeting. On Thursday March 28th, Jeffry Dean will present a briefing of the recently published Rare Earth Provisional Peer-Reviewed Toxicity Values (PPRTV) Assessments for the OLEM Human Health Regional Risk Assessors Forum (OHHRRAF) Toxicity Workgroup meeting.

Region 7 Presentation. On March 28th, Dongni Ye is presenting preliminary results of her research work done with Ellen Kirrane, James Brown, and Region 7 collaborators to design and

conduct analyses to examine the efficacy of soil remediation at the Omaha Lead superfund site to Region 7 staff.

IN THE STATES

NC SAB Meeting. On April 1st, John Vandenberg will participate in the North Carolina Science Advisory Board (SAB) meeting in Raleigh, NC. The SAB will continue discussions on the science basis for the state to set an acceptable ambient level for methyl bromide, and receive a presentation by Chad Thompson of ToxStrategies, Inc. on their 2018 paper on integration of mechanistic and pharmacokinetic information to derive oral reference dose and margin-of-exposure values for hexavalent chromium.

CalEPA Meeting. Annie Jarabek has been invited to a discussion with the California EPA Department of Pesticide Regulation (DPR). DPR staff wish to discuss specific questions on dosimetric calculations and applications of novel approach methodologies (NAM) for inhalation toxicity. The decision tree from the recent publication on pathway-based approaches for non-animal assessment of acute inhalation toxicity will be discussed.

OTHER ITEMS OF INTEREST

GWU Lecture. On March 28th, Emma Lavoie will present a lecture to master's students in the Green Chemistry Program at George Washington University (GWU), discussing chemicals regulation.

PSLT Particle Workshop. From April 1st-2nd, Annie Jarabek has been invited to serve as an expert observer at the international poorly soluble low toxicity (PSLT) particle workshop being held in Edinburgh, Scotland. The workshop will consist of breakout sessions and plenary discussions on 4 major topic areas: definition and grouping of PSLT, definition and implications for study design of lung overload, relevance of the rat as a model for toxicity of inhaled PSLT, and human health hazard and risk due to inhaled PSLT.

SSWR Presentation. On April 2nd, Tara Greaver is invited to give a presentation to the Safe and Sustainable Water Resources (SSWR). The presentation will outline the key findings of the Integrated Science Assessment for Oxides of Nitrogen, Oxides of Sulfur and Particulate Matter-Ecological criteria, specifically highlighting the evidence that formed the basis of the causality determinations in the second External Review Draft.

Community of Practice for Statistics PBTK Presentation. On April 2nd, Dustin Kapraun will present a lecture on "Applications of Physiologically Based Toxicokinetic (PBTK) Models in Chemical Risk Assessment" at the monthly meeting of the Office of Research and Development (ORD) Community of Practice for Statistics.

NASEM Meeting. From April 3rd-4th, Jason Sacks, Ellen Kirrane, and Tom Luben have been invited to deliver a presentation at the National Academies of Sciences, Engineering, and Medicine's (NASEM) standing committee meeting for the U.S. Department of State (DoS) at the meeting on the current state of the science with respect to PM2.5 exposures and neurocognitive effects and birth outcomes. This presentation will outline the evidence that formed the basis of the causality determinations in the External Review Draft of the Integrated Science Assessment for Particulate Matter and characterize remaining uncertainties, which will aid DoS in communicating the risks posed by air pollution to Foreign Service members.

RECOGNITION

Administrator Wheeler Recognition. On March 25th, Beth Owens and Jason Lambert received a shout out as the PFBS chemical managers from Administrator Wheeler during his All Hands meeting on a visit to EPA's Andrew W. Breidenbach Environmental Research Center in Cincinnati.

<NCEA 30 Day Outlook 3-27-19.docx>