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From: Kavlock, Robert
Sent: Thur 7/13/2017 6:23:11 PM
Subject: ORD weekly Update July 13.docx
ORD weekly Update July 13.docx

Administrator,

This week I traveled to Oklahoma City to participate in the Environmental Research Institute of the States (ERIS) board meeting. The first day, the ERIS board conducted their meeting in ORD's Ada lab, where they learned about ORD's applied research and took a tour of the lab. On the second day, the ERIS board met at OK DEQ, where Ken Wagner was in attendance as well. This engagement is vital to cooperative federalism and has set up many opportunities that the group will explore as they move forward. During the meeting, ORD presented briefings on PFAS and our organization.

Hot Issues

Technical Support to Region 1 on Superfund Site with Perfluorinated Compounds

At the request of Region 1, ORD will provide technical support for a U.S. Navy sampling event at the Defense Fuel Support Point (DFSP) of the Newport Naval Education & Training Center Superfund Site in Portsmouth, RI, July 16-22. ORD will collect soil samples to be analyzed for PFAS. The purpose of the sampling is to collect more complete measurements of PFAS at this site, evaluate analytical methods in the soil matrix, compare EPA data to contract lab data, and evaluate variability in sample mixing and spatial variability at the site. The DFSP was used for petroleum fuel storage and distribution by the Navy and has PCB, heavy metals, and petroleum hydrocarbon contamination in the soil, groundwater, and surface water.

Chloroprene Emissions from the Denka Performance Elastomers (DPE)

On July 12, ORD's John Vandenberg participated in a meeting with the State of Louisiana Department of Environmental Quality, St John the Baptist council and school board members, Louisiana Department of Health Services, EPA Region 6, and others to discuss air monitoring and other activities related to chloroprene emissions from the Denka Performance Elastomers

(DPE) facility located in LaPlace, LA. A Request for Correction (RFC) under the Information Quality Act was submitted by DPE. The RFC asserts that the chloroprene IRIS assessment, completed in 2010, should be withdrawn and updated. EPA is evaluating this request. The DPE facility emissions of chloroprene, a chemical used to make neoprene used in soft plastic materials such as rubber seals and wetsuits, were estimated by OAR's National Air Toxics Assessment to produce high health risks. Ambient monitoring data collected over the last year has demonstrated high concentrations in the nearby community including at an elementary school, high school, hospital and residences. The purpose of this meeting is to inform community leaders of the State and Federal activities related to DPE.

Upcoming Public Events

Prebrief on NAS National Research Council (NRC) report on "Unraveling Low Dose Toxicity: Case Studies of Systematic Review of Evidence"

On July 17th at 2pm, NRC will meet with EPA leadership from ORD, OCSPP, OLEM, OW, OAR, NCEE/OP, and OCHP to brief EPA on the Low Dose report to be released later this month. This committee was tasked with developing a strategy for evaluating evidence of low-dose adverse human effects that act through an endocrine-mediated pathway. This has been a controversial topic with implications for how the safety of chemicals are evaluated. The results of the committee's evaluation of low-dose toxicity will inform EPA on the adequacy of its current regulatory toxicity-testing practices. The report will be made public at 2pm on July 18th.

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2017 ECOS State Environmental Protection (STEP) Meeting

On July 17, ORD leadership will participate in the 2017 ECOS State Environmental Protection (STEP) Meeting—*Reframing Our Environmental Future*—in Washington, DC. Discussions will focus on ECOS' Cooperative Federalism 2.0 paper, released in June of this year. This paper will provide a common point of discussion and consideration. There will be a session on the role of science, research and technology. Roundtable discussion leaders will be Richard Counihan of Nest Labs, Paul Gilman of Covanta as well as former AA ORD and EPA Science Advisor, and David Paylor, ERIS President and VA DEQ Director.

PFAS Analysis presentation to New Hampshire Department of Environmental Services

On July 18th, ORD will give a presentation at the New Hampshire Department of Environmental Services (NH DES) in Concord. The presentation will cover the details of PFAS analysis in water samples. NHDES coordinated with ORD to schedule the presentation after their recent request for PFAS analytical expertise and support from ORD.

Children's Health Protection Advisory Committee Meeting

On July 19 ORD will present at the Children's Health Protection Advisory Committee (CHPAC) meeting in Washington, D.C. The presentation will provide an overview of the NIEHS/EPA Children's Environmental Health and Disease Prevention Research Centers (CEHCs) program and the CEHC impact report that is currently being finalized. The impact report synthesizes the research the CEHCs have conducted in their 17-year history, the effect their communication outreach has had on communities, and how the CEHCs have collectively pushed the boundaries in the field of children's environmental health. Additionally, the CHPAC has coordinated a workgroup to review the impact report and provide feedback and suggested changes for the final report. The report is scheduled to be completed by October 2017.

Last Week Highlights

Last week several ORD staff members participated in the Tools of the Trade Session at the National Environmental Health Association (NEHA) annual meeting in Grand Rapids, MI. Four EPA tools were featured along with several tools from CDC and a few states. Not many of the participants were familiar with the Chemistry Dashboard, the Air Sensor Toolkit, EnviroAtlas or C-FERST, so about 50 boots-on-the-ground local public health officials from across the U.S. now know about these tools.