From:	Orme-Zavaleta, Jennifer
Sent:	Tuesday, December 4, 2018 9:50 AM
To:	
Subject:	FW: Updated Priorities for IRIS Assessments
Attachments:	Updated Priorities for IRIS Assessments.pdf

Jennifer Orme-Zavaleta, PhD Principal Deputy Assistant Administrator for Science Office of Research and Development US Environmental Protection Agency



From: Gentry, Nathan On Behalf Of Orme-Zavaleta, Jennifer Sent: Tuesday, December 4, 2018 9:46 AM

To: Leadership_Assistant_Administators <Leadership_Assistant_Administators@epa.gov>; DAA <DAA@epa.gov> Cc: Wheeler, Andrew <wheeler.andrew@epa.gov>; Darwin, Henry <darwin.henry@epa.gov>; Dunlap, David <dunlap.david@epa.gov>; Leadership_Regional_Administrators <Leadership_Regional_Administrators@epa.gov>; Leadership_Deputy_Regional_Administrators <Leadership_Deputy_Regional_Administrators@epa.gov>; Bahadori, Tina <Bahadori.Tina@epa.gov>; Thayer, Kris <thayer.kris@epa.gov>; Ross, Mary <Ross.Mary@epa.gov>; Blackburn, Elizabeth <Blackburn.Elizabeth@epa.gov>

Subject: Updated Priorities for IRIS Assessments

MEMORANDUM

SUBJECT:	Updated	Priorities	for IRIS	Assessments
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- FROM: Jennifer Orme-Zavaleta, Ph.D. Principal Deputy Assistant Administrator for Science Office of Research and Development
- TO: Assistant Administrators and Deputies

I am writing to update you on the input received by the Office of Research and Development on priorities for Integrated Risk Information System (IRIS) assessments. We recently consolidated your input on high-priority assessment needs and presented this information to the Acting Administrator. Based on the input received, ORD will be proceeding with development of the following priority assessments:

Chemical	Requested Routes of	Sponsoring Office
	Exposure and Scope	
Hexavalent Chromium	Oral and inhalation cancer and	OW, OLEM
	noncancer	
Inorganic Arsenic	Oral and inhalation cancer and	OW, OLEM
	noncancer	

Mercury salts	Oral and inhalation cancer and noncancer	OLEM
Methylmercury	Oral and inhalation noncancer	OLEM
PCBs	Oral and inhalation noncancer	OLEM
PFAS (PFBA, PFHxA, PFHxS, PFDA, PFNA)	Oral cancer and noncancer	OW
Vanadium	Oral cancer and noncancer	OW

I want to thank each of you for providing your updated priorities to ORD. This information will help ensure that the assessments developed will meet program office needs, and in a timeframe to meet your regulatory or decision-making context. As ORD reengages on the assessments listed above, we will be holding kick-off meetings with the sponsoring offices, as well as any other offices that may want to be aware of our efforts. These kick-off meetings will be critically important to confirming that all interested parties agree on the scope and approach being employed in the development of specific assessments.

Thank you again for your assistance in developing the refined list of priorities. We remain committed to ensuring IRIS Program activities are focused on the most important Agency needs. If you have any questions, feel free to contact me.

CC: Andrew Wheeler, Acting Administrator Henry Darwin, Associate Deputy Administrator and Chief of Operations David Dunlap, Deputy Assistant Administrator for Research and Development Regional Administrators and Deputies IRIS Points of Contact



WASHINGTON, D.C. 20460

OFFICE OF RESEARCH AND DEVELOPMENT

MEMORANDUM

DEC 0 4 2018

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A Message from the IRIS Program December 19, 2018

The IRIS Program is committed to producing assessments in a timely and transparent manner. Since January 2017, IRIS has been working to modernize its workflow. As part of this modernization, IRIS has moved away from one-size-fits-all assessments to a portfolio of chemical evaluation products to meet specific decision contexts. This approach optimizes the application of best practices in systematic review in the IRIS Program.

As part of its commitment to transparency, the IRIS Program is providing an updated outlook of program activities. Table 1 describes assessments that are currently in development and their projected milestone dates. The IRIS Program is providing this information for stakeholders to be aware of upcoming products, and to allow the public and research community an opportunity to communicate relevant research to EPA. The anticipated dates are based on several factors, including complexity of the assessment products and the availability of resources. While projected dates reflect the IRIS Program's best estimate based on available information, they are subject to change. Accordingly, updates to the table below will be provided as needed.

For more information on public meetings and comment periods, visit the <u>IRIS website</u> or subscribe to EPA's Integrated Risk Information System Bulletin.

Table 1. IRIS Program Outlook – December 2018

Current Status	Assessment	Next Anticipated Public Step(s)	Projected Date
Peer Review	Ethyl tertiary butyl ether (ETBE) ¹	Step 7: Final	TBD
	tert-Butyl Alcohol ¹	Step 7: Final	TBD
Draft Development	Arsenic, Inorganic ²	Step 1: Systematic Review Protocol	FY19 – Q2
		Step 4: Public Comment Draft	FY20 – Q2
		Step 4: External Peer Review	FY21 – Q1
	Chromium VI ²	Step 1: Systematic Review Protocol	FY19 – Q2
		Step 4: Public Comment Draft	FY20 – Q1
		Step 4: External Peer Review	FY20 – Q3
	Polychlorinated Biphenyls (PCBs; noncancer) ²	Step 1: Systematic Review Protocol	FY19 – Q4
		Step 4: Public Comment Draft	FY21 – Q1
		Step 4: External Peer Review	FY21 – Q2
	Perfluorononanoic Acid (PFNA) ³	Step 1: Systematic Review Protocol	TBD
		Step 4: Public Comment Draft	TBD
		Step 4: External Peer Review	TBD
	Perfluorobutanoic Acid (PFBA) ³	Step 1: Systematic Review Protocol	TBD
		Step 4: Public Comment Draft	TBD
		Step 4: External Peer Review	TBD
	Perfluorohexanoic Acid (PFHxA) ³	Step 1: Systematic Review Protocol	TBD
		Step 4: Public Comment Draft	TBD
		Step 4: External Peer Review	TBD

Current Status	Assessment	Next Anticipated Public Step(s)	Projected Date
Draft Development	Perfluorohexane Sulfonate (PFHxS) ³	Step 1: Systematic Review Protocol	TBD
		Step 4: Public Comment Draft	TBD
		Step 4: External Peer Review	TBD
	Perfluorodecanoic Acid (PFDA) ³	Step 1: Systematic Review Protocol	TBD
		Step 4: Public Comment Draft	TBD
		Step 4: External Peer Review	TBD
Scoping and Problem	Mercury salts	Step 1: IRIS Assessment Plan	FY19 – Q3
Formulation		Step 1: Systematic Review Protocol	FY20 – Q1
		Step 4: Public Comment Draft	FY20 – Q4
		Step 4: External Peer Review	FY21 – Q2
	Methylmercury	Step 1: IRIS Assessment Plan	FY19 – Q2
		Step 1: Systematic Review Protocol	FY20 – Q1
		Step 4: Public Comment Draft	FY21 – Q2
		Step 4: External Peer Review	FY22 – Q1
	Vanadium and Compounds	Step 1: IRIS Assessment Plan	TBD
		Step 1: Systematic Review Protocol	TBD
		Step 4: Public Comment Draft	TBD
		Step 4: External Peer Review	TBD

¹The IRIS assessments of ethyl tert-butyl ether and *tert*-butanol are currently undergoing external peer review by EPA's Science Advisory Board-Chemical Assessment Advisory Committee (SAB-CAAC). Upon receipt of the final external peer review report, the IRIS Program will update Table 1 with the projected date for the next public milestone. Assessments in peer-review incorporate elements of systematic review consistent with the practices of the IRIS Program at the time of assessment development. These mature assessments may not reflect all the current IRIS Program systematic review feature.

²In line with recent advancements in IRIS systematic review practices, assessments already in draft development will publish a systematic review

protocol for public comment to promote consistency with assessments started more recently. The publication of assessment protocols conforms to well-established systematic review practices and implementation of National Academies' systematic review recommendations within the IRIS Program.

³Per- and Polyfluoroalkyl Substances (PFAS) assessments under development are in support of <u>EPA's Actions to Address PFAS</u>. For more information, visit <u>EPA's Per- and Polyfluoroalkyl Substances (PFAS) website</u>.