#### A Message from the IRIS Program May XX, 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. Meetings with the EPA Science Advisory Board (SAB, August 2017), the EPA SAB Chemical Assessment Advisory Committee (September 2017), and the National Academy of Sciences (NAS, April 2018) showcased the demonstrable progress made by IRIS to modernize its operations. As part of this modernization, IRIS has moved away from one-size-fitsall assessments to a portfolio of chemical evaluation products to meet specific decision contexts. This approach optimizes the application of best practices in systematic review and automation tools that significantly increase the speed, transparency and access for partners and stakeholders.

To maintain transparency, the IRIS Program is providing an updated outlook of program activities. Table 1 describes assessments that are in development and projected milestone dates. The anticipated dates are based on several factors including expression of continuing need from EPA's Program and Regional offices, states, and tribes, complexity of the assessment products, and the availability of resources. Following discussions with IRIS program and regional partners, the EPA has decided to discontinue assessment development for hexabromocyclododecane (HBCD), acrylonitrile, n-butyl alcohol, and phthalates (butyl benzyl phthalate, dibutyl phthalate, diethyl phthalate, di-isobutyl phthalate, and diisononyl phthalate) based on changing needs and priorities. Moving forward, the IRIS Program will focus on the assessments in-progress listed below, chemicals from the 2015 IRIS multi-year agenda, targeted updates of existing IRIS assessments to meet program needs, as well as emerging issues of concern that have been identified as higher priorities by EPA partners (such as perfluorinated compounds).

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. 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 semi-annually.

## Table 1. IRIS Program Outlook – May 2018

Current Status	Assessment	Next Anticipated Step Product/	Projected/Actual Date		
Assessment Revision (Post-Peer Review)	Hexahydro-1,3,5- trinitro-1,3,5- triazine (RDX) <sup>1</sup>	Step 7: Final	FY18 – Q4		
Peer Review	Ethyl tertiary butyl ether (ETBE) <sup>1,2</sup>	Step 7: Final	TBD		
	tert-Butanol <sup>1,2</sup>	Step 7: Final	TBD		
Draft Development	Arsenic, Inorganic <sup>3</sup>	Step 1: Systematic Review Protocol	FY18 – Q4		
		Step 4: Public Comment Draft	FY20 – Q2		
		Step 4: External Peer Review	FY20 – Q3		
	Chloroform	Step 1: IRIS Assessment Plan	September 18, 2017		
		Step 1: Systematic Review Protocol	January 31, 2018		
		Step 4: Public Comment Draft	FY19 – Q3		
		Step 4: External Peer Review	FY19 – Q4		
	Formaldehyde	Step 4: Public Comment Draft	FY19 – Q4		
		Step 4: External Peer Review	FY20 – Q1		
	Hexavalent Chromium <sup>3</sup>	Step 1: Systematic Review Protocol	FY18 – Q4		
		Step 4: Public Comment Draft	FY20 – Q1		
		Step 4: External Peer Review	FY20 – Q3		
	PCBs <sup>3</sup>	Step 1: Systematic Review Protocol	FY19 – Q1		
		Step 4: Public Comment Draft	FY21 – Q1		
		Step 4: External Peer Review	FY21 – Q2		
	PAH Mixtures	Step 4: Public Comment Draft	FY18 – Q4		
		Step 4: External Peer Review	FY19 – Q1		
Scoping and Problem	Ammonia (Oral)	Step 1: IRIS Assessment Plan	April 16, 2018		
Formulation		Step 1: Systematic Review Protocol	FY18 – Q4		
		Step 4: Public Comment Draft	FY20 – Q2		

	Step 4: External Peer Review	FY20 – Q3
Ethylbenzene	Step 1: IRIS Assessment Plan	September 18, 2017
	Step 1: Systematic Review Protocol	FY18 – Q3
	Step 4: Public Comment Draft	FY20 – Q1
	Step 4: External Peer Review	FY20 – Q3
Naphthalene	Step 1: IRIS Assessment Plan	FY18 – Q3
	Step 1: Systematic Review Protocol	FY19 – Q1
	Step 4: Public Comment Draft	FY20 – Q4
	Step 4: External Peer Review	FY21 – Q2
Nitrate/Nitrite	Step 1: IRIS Assessment Plan	September 18, 2017
	Step 1: Systematic Review Protocol	FY19 – Q1
	Step 4: Public Comment Draft	FY20 – Q2
	Step 4: External Peer Review	FY20 – Q4
Uranium	Step 1: IRIS Assessment Plan	January 31, 2018
	Step 1: Systematic Review Protocol	FY18 – Q4
	Step 4: Public Comment Draft	FY20 – Q1
	Step 4: External Peer Review	FY20 – Q3

<sup>1</sup>Assessments in peer-review or post-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 features. These assessments are being revised based on peer-review comments provided by the Science Advisory Board-Chemical Assessment Advisory Committee (SAB-CAAC).

<sup>2</sup> The 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.

<sup>3</sup>In line with recent advancements in IRIS systematic review practices, a number of 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.

IRIS Activity Tracker July 2018	Time Period		Step 1a: Public Release IRIS Assessment Plan (IAP) or pre-2017 Scoping and Problem Formulation Documents	Step 1b: Public Science Meeting (IAP)	Draft Protocol/Litera ture Survey Developed (Management/ Executive Review)	Step 1c: Public Release Protocol/Litera ture Survey (Formerly, Preliminary Assessment Materials)	Public Science Meeting (protocol, when applicable)	Assessment Developed	Step 2: Begin Agency Review	Step 3: Begin Interagency Review	Step 4a: Release Public Comment Draft Assessment	Step 4b: Conduct Public Science Meeting	Step 4c: Release External Review Draft	Conduct Peer Review Meeting	Final Peer Review Report Delivered	Step 6b: Begin Final Interagency Review	Step 7: Final Posting	Comments
		Comp. Date	<u>1/31/2018</u>	3/22/2018				FY19 Q3										
Uranium * case study for teaching SR methods	IRIS Post-2017	FY Qtr.	FY18 Q2	FY18 Q2				*Projected*										
		Durations		50														
Ammonia (Oral)		Comp. Date	<u>4/16/2018</u>	5/23/2018				FY19 Q3										
Ammonia (Urai) * case study for teaching SR methods	IRIS Post-2017	FY Qtr.	FY18 Q3	FY18 Q3				*Projected*										
		Durations		37														
		Comp. Date	<u>9/18/2017</u>	9/27/2017				TBD										Note: the estimated date for protocol release is being adjusted due to (1) staff resources being directed to high
Nitrate/Nitrite	IRIS Post-2017	FY Qtr.	FY17 Q4	FY17 Q4				TBD										priority evaluations of 6 PFAS chemicals, which were not identified as an agency need when the nitraty/nitrite IAP was released in september 2017, and (2) recent assessments published by other autonitrative reacources are anticipated to allow the scope of the nitrate/nitrite assessment to be significantly narrowed in scope compared to the IAP releases in Sept 2017. The protocol will outline the narrowed scope.
		Durations		9														
Chloroform		Comp. Date	<u>9/18/2017</u>	9/27/2017	12/15/2017	<u>1/31/2018</u>	NA	FY18 Q4										
* case study for teaching SR methods	IRIS Post-2017	FY Qtr	FY17 Q4	FY17 Q4	FY18 Q1	FY18 Q2	NA	*Projected*										
		Durations		9	79	47												
		Comp. Date	<u>9/18/2017</u>	9/27/2017	FY19 Q1			FY19 Q4										
Ethylbenzene	IRIS Pre-2017	FY Qtr.	FY17 Q4	FY17 Q4	*Projected*			*Projected*										
		Durations		9														
	IRIS	Comp. Date	7/5/2018	8/23/2018				FY19 Q2										
Naphthalene	Dec 2017	FY Qtr.	FY18 Q4	FY18 Q4				*Projected*										
		Durations		49				TBD										Note: Estimated date for protocol release is being adjusted
PCBs	IRIS Pre-2017	Comp. Date FY Qtr.	NA	NA				TBD										due to staff resources being directed to high priority evaluations of 6 PFAS chemicals
		Durations						TBD										Note: iAs will release chemical-specific systematic review
Inorganic Arsenic	IRIS	Comp. Date	NA	NA	5/25/2018	FY19 Q1		TBD										protocol consistent with current IRIS SR procedures. Protocol anticipated to be reviewed by the National Academy of Sciences (NAS). Based on recommendations provided by the NAS on the revised assessment scope, EPA will revise current draft IAs assessment date following the
	Pre-2017	FY Qtr.			FY18 Q3	*Projected*		TBD										public meeting.
		Durations																
	IRIS	Comp. Date	NA	NA	6/15/2018	FY18 Q4		FY19 Q2										Note: CrVI will release chemical-specific systematic review protocol consistent with current IRIS SR procedures.
Hexavalent Chromium	Pre-2017	FY Qtr.			FY19 Q3	*Projected*		*Projected*										
		Durations																
		Comp. Date	NA	NA	NA	NA	NA	6/23/2017										

Formaldehyde	IRIS																	
Formaldehyde	Pre-2017	FY Qtr.						FY17 Q3										
		Durations																
		Comp. Date	NA	NA	NA	3/6/2014	4/23/2014	2/7/2017	1/29/2018									Note: Delivered to OPPT to support HBCD Risk Evaluation
Hexabromocyclododecane	IRIS Pre-2017	FY Qtr.				FY14 Q2	FY14 Q3	FY17 Q2	FY18 Q2									
	FIE-2017						48	1021	1425									
		Duration																
		Comp. Date	NA	NA	NA	<u>8/12/2013</u>	12/12/2013	NA	7/18/2014	9/30/2014	<u>9/1/2016</u>	10/26/2016	6/16/2017	<u>8/15/2017</u>				
ETBE	IRIS Pre-2017	FY Qtr.				FY13 Q4	FY14 Q1		FY14 Q4	FY 14 Q4	FY16 Q4	F717 Q1	FY17 Q3	FY17 Q4				
		rt gu.					122		340	74	702	55	288	SAB Review	w Ongoing			
		Duration																
		Comp. Date	NA	NA	NA	8/12/2013	12/12/2013	NA	7/18/2014	9/30/2014	5/16/2016	6/29/2016	6/16/2017	8/15/2017				
TBA	IRIS Pre-2017					FY13 Q4	FY14 Q1		FY14 Q4	FY 14 Q4	FY 16 Q3	FY16 Q3	FY17 Q3	FY17 Q4				
							122		340	74	594	44	396	SAB Review	w Ongoing			
		FY Qtr.	NA	NA	NA	8/23/2013	12/12/2013	NA	8/1/2014	9/30/2014	3/10/2016	5/10/2016	9/23/2016	12/12/2016	9/27/2017	5/30/2018		
	IRIS	Comp. Date	NA	NA	NA			INA										
RDX	Pre-2017	FY Qtr.				FY13 Q4	FY14 Q1		FY14 Q4	FY 14 Q4	FY 16 Q2	FY16 Q3	FY17 Q4	FY17 Q1	FY17 Q4	FY18 Q3		
		Duration					111		343	60	527	61	197	36	-	245		
BenzolalPurono	IRIS	Comp. Date	NA	NA	NA	NA	NA	NA	NA	NA	8/21/2013 FY 13 Q4	12/12/2013 EX14.01	<u>9/25/2014</u>	4/15/2015 FY 15 Q3	4/5/2016	11/23/2016	1/19/2017 EX17.02	
Benzo[a]Pyrene	Pre-2017	FY Qtr. Duration									FY 13 Q4	FY14 Q1 113	FY14 Q4 400	FY 15 Q3	FY16 Q3	FY17 Q1 232	FY17 Q2 57	
		Comp. Date	NA	NA	NA	NA	NA	NA	NA	NA	7/23/2013	12/13/2013	8/15/2014	11/18/2014	<u>8/7/2015</u>	10/7/2016	12/16/2016	
Ethylene Oxide	IRIS Pre-2017	FY Qtr.									FY13 Q4	FY14 Q1	FY14 Q4	FY15 Q1	FY15 Q4	FY17 Q1	FY17 Q1	
		Duration	NA	NA	NA	NA	NA	NA	NA	NA	NA	143 NA	388 8/12/2013	35 <u>7/14/2014</u>	8/6/2015	427 6/1/2016	70 9/20/2016	
Ammonia (Inhalation)	IRIS	Comp. Date FY Qtr.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8/12/2013 FY13 Q4	FY14 Q4	FY15 Q4	6/1/2016 FY16 Q3	5/20/2016 FY16 Q4	
	Pre-2017	Duration												72		300	111	
	IRIS	Comp. Date	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8/19/2013	6/17/2014	9/29/2015	6/15/2016	<u>9/9/2016</u>	
Trimethylbenzenes	Pre-2017	FY Qtr.											FY13 Q4	FY14 Q3	FY15 Q4	FY16 Q3 260	FY16 Q4 86	
		Duration Comp. Date	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	8/5/2014	12/8/2014	
Libby amphibole asbestos	IRIS Pre-2017	FY Qtr.	104			na -	114	100	103	100	100	100	100	197	101	FY14 Q4	FY15 Q1	
	FIE-2017	Duration															125	
PFBS	NCEA	Comp. Date	NA	NA	NA	NA	NA	NA	5/15/2018	5/15/2018	NA	NA	6/29/2018	NA				Note: Administrator Priority (9-12 month production cycle, stream-lined development process) - Receiving IRIS FTE
(addresses high priority Agency	Portfolio								FY18 Q3	FY18 Q3			FY18 Q3					Support since 1/23/2018
need)	Product	FY Qtr.							11	.0			45					
		Durations Comp. Date	NA	NA	NA	NA	NA						-					Note: Emerging issue: needs to be finalized within 12
Acrolein targeted update to meet Agency	NCEA Portfolio																	months to address Agency need, stream-lined development process) initiated 5/4/2018
need)	Product	FY Qtr. Durations																p
			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1/24/2018	Note: Request for Correction (RFC 17002) - Process defined
Chloroprene	NCEA Portfolio	Comp. Date															FY18 Q2	by EPA's Information Quality Guidelines - Received 6/26/2017
targeted update to respond to a request for correction)	Portfolio Product	FY Qtr.																6/26/2017
		Durations															212	
	NCC	Comp. Date	NA	NA	NA	NA	NA	1/23/2018			NA	NA						Note: Classified as NCEA product. PAH Relative Potency Factor document is not a reassessment of individual PAH
PAH Mixtures	NCEA Portfolio	FY Otr.						FY18 Q2										carcinogenicity, but rather provides a methodology for estimating cancer risk from exposure to PAH mixtures as a
	Product																	estimating cancer risk from exposure to PAH mixtures as a
		Durations	NA	NA	5710.01	EV10.01	NA	EX10.01			NA	NA						Note: High Agency Interest - Receiving IRIS FTE Support
PFBA	NCEA Portfolio	Comp. Date	NA	NA	FY19 Q1 *Projected*	FY19 Q1 *Projected*	NA	FY19 Q1 *Projected*			INPA	NA						since 1/23/2018
	Product	FY Qtr. Durations			jecteu	. rojecteu		jetteu										
	NCEA	Comp. Date	NA	NA	FY19 Q1	FY19 Q1	NA	FY19 Q1			NA	NA						Note: High Agency Interest - Receiving IRIS FTE Support
PFHxS	Portfolio	FY Qtr.			*Projected*	*Projected*		*Projected*										since 1/23/2018
Product	Product	Durations																
	NCEA	Comp. Date	NA	NA	FY19 Q1	FY19 Q1	NA	FY19 Q1			NA	NA						Note: High Agency Interest - Receiving IRIS FTE Support since 1/23/2018
		FY Qtr.			*Projected*	*Projected*		*Projected*										
PFHxA	Portfolio																	Alata Uak Anna Istant Part in 1910 FFC C
		Durations			FY19 01	FY19 Q1	NA	FY19 Q2			NA	NA						Note: High Agency Interest - Receiving IRIS FTE Support since 1/23/2018
PFHxA	Portfolio Product NCEA	Comp. Date	NA	NA	8Deni II	*Den is 11												
	Portfolio Product	Comp. Date FY Qtr.	NA	NA	*Projected*	*Projected*		*Projected*										
PFHxA	Portfolio Product NCEA Portfolio Product	Comp. Date FY Qtr. Durations					NA				NA	NA						Note: High Agency Interest - Receiving IRIS FTE Support
PFHxA	Portfolio Product NCEA Portfolio	Comp. Date FY Qtr.	NA	NA	*Projected* FY19 Q1 *Projected*	*Projected* FY19 Q1 *Projected*	NA	*Projected* FY19 Q2 *Projected*			NA	NA						Note: High Agency Interest - Receiving IRIS FTE Support since 1/23/2018

IRIS Activity Tracker July 2018	Product/ Period		Agency Review of IRS Accessment Film (MP) "only applicable after 2007	Shah tar Managemen/Tannathur Reden) Reden) Sedy applicable after 2007	Hog La Pakis Reinas MP or pr- 2027 Noping and Poldern Farmulation Documents	Hep In Public Science Meeting (MP)	Dahl Podeci (Utrature Survey Devloped (Stragement/Tancative Renime)	(Bay St. Public Release Roberts (Standard Sorvey (Standards, Perlinkary Research, Materiald)	Meg 14: 0 Public Science 0 Meeting ( (protocol, when 9 applicable)	SultAueuueut Seutoged Mangement/tueutine Review)	Nay 2. Bagin Agenay Review	Slop 3. 5 Begin 9 Interligency 9 Review 0	beyda: Stoyda biraan Valis Cansen Valis Consenser Salt Accessment Menting	Nep-Si Release Extensi Review Duft	Canduit Peer Review Meeting	Find Peer 1 Redew 1 Report Delivered	Reg Ho. Begin Final Aberigency Review	Map 7. I Final Posting		
	MA Pres 2017	Come Date	606/3812 Ph12.04	8/31/2018 PV38-Q4	marqu														In Meng zuorassest is very tageted in scope lepideroiclage cluster of neuralized functions). The hing delay between agency mores and management oversyltained public minute auto interaction to time the public release of the MP to natio the sustability of the spideroiclagers to source on the sustability.	
Methylmanury(Methy)	Pere 2017		P137 Q4	P128.Q4	"Projected Panding Publics Meson Breaks"															
	IRS Pres 2017	Came Date	¥(39)3818	M39-45	manga														ner ar anumber of very simplex controls insue that need to be addressed in the manginese MP in order to best suggest the proposed facily. The development fails of insuescent at take longer than others.	
Managanawa	Pere 2017	TT Day	мара	Trajuited	Brails"															
Granium	RIS Pred 2017	Came Date	4/4/2017 P117 Q4	1/16/2018	101/201	8/23/2454	8,04/2018	man qu	**	PSR-Q3									ring sand as a "leave by dang" assessment to track sydemodic review	
u statuk	Pres 28.07	PT Dir	P137Q6	PY38.Q5 385 6/3(D058	<u>101/2018</u> Milliga 21	3/22/2018 PNIR Q2 58	Million projected	"Angented Pending Pendine Marrier Results"		"Projected"										
		Come Date	1/1/2018	4/3,0018	4/15/2018 Millings	NCER OF	8,03/3018	man qu	NA	mag									nng nand as a "team by duing" assessment to teach systematic review	
Annania (Sra)	BIS Pres 2017	77.0m	PV17 Q4	ниф	13 N	Prise dp 30	M18434	"Angested Pending Pendine Memor Results"		"Inspected"				_						
		Franklass	1/31/2017	9/1,0017	208/2012	4/23/2467													ne estimated date for potazia relation is being adjusted due to [1] daff resources being diversed to light potenty-exclusions of 87%81 chemicals, which were not tentified to an agency end whether instructivities ware obtained in toppender 2017, and [2] never assessments publicated by the authoritative assossment to configure date of the endowing the seconder to be configured in another to use cancel to the start endowing the 2017. The endowing is also	
Alberto, Mitche	MIS Pres 2017	Page Pale	M12 Q4	P134-Q2	PYETQS	P157 Q4	Reprinted to assessmatic PMA;												e samued cope.	
		11 Dir	HD G				parties many courts													
		Come Este	3,01/2017	38 9/1(0017	17	9 9/021/2007	13/51/2017	1/51/3018	**	ma qu									eng used as a "tear by dang" assessed to beats cyclematic review	
Oliowhere	Mit Pere 2017	1104	M12 Qi	наф м	8782822 PR2746 27	4(21/2617 PNS7 Q4	M18435 29	1/51/2018 M18-02 47		"Projected Peopleg Pacifice Memorile adia"										
		Come Date	1(35/2017	9/1,0217	<u>808/2012</u>	6/22/2017	8/54/2018	mis qu		maqu									plating prior problem formulation materials to be associated with current systematic review documentation	
Ethylamour	86. Pre 2017	11.0H	P137.Q4	maq	matqu	M37 Q4	M1804	"Angles and Penaling Problem Manual Results"		"Projected"										
		Deathers	3/7/2018	38 6/5,0068	17 200203 Prings	4/23/2414	323			naq									plating prior problem formulation materials to be cannot exclosed with current systematic review documentation	
Kaphilaisee	86 Pre 2617		3/7/2018 W18.02	5/1,0018 PVIR-02		"Perspected Pending Pending Memorikanika"				Print (2) "Projected"										
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inopati dramir	RE Pre2807	PT C8+					Phas QS	"Inspirated Pending Pendine Manue Smaller"		10										
		fra elses	**	-	84	-	4/35/2018	****		тыф									W will release chemical-specific systematic review protocol concorner with current IMI 3K procedures, Submitted for final OBIC clustoce on 3/(220).	
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leade are exploiteden are (HICO)	86. Pre 2017	Frank Frank	**	**	84	-	84	Mileto	4/23,0064 PY34:Q3	3/7/2467 PV62 42	1/34/3018								анный настронити и польки бабый актов и тобать инно санины полько так, на оббег дастока завачения.	
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~	86. Pre 2017							<u>813/2013</u> M1546	133 133		PIG4 Q4	W 14 Q4	PF36.06 1717.00 302 85	P112.05	Millings	quing				
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-	86. Pre2017	Pr Cen. Come Date	84	84.	NA	N.	1	<u>873/2013</u> 9/15.06	Mittal 133 12/13/0613 Mittal	NA.	Photoperator tensologier L(20)/0648 Photoper 2/14/0648 Photoper 2/14/0644 Photoper 2/14/0644 Photoper 360 All/20064 All/20064 Sec	76 9/58/3014	CONCERNENT         4,04(38)           MY 36 QB         MY 36 QB           BH         44           CONCERNENT         4,04(38)           MY 36 QB         MY 36 QB           MY 36 QB         MY 36 QB	395 6 <u>8/23/2816</u>	20102817 Militarian Di 18102088 Militarian Di 18102088 Militarian Di 186	20202022	6/36/5814	17002001		
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Driveringkerneren	Pre 2017	Dention Come Points	84	84	84	N.	NA	**		-	84		NA NA	4/36/363 P113.06		AGA/2011	100 4/11/2014 Frid Q1	1111 1111 1111 1111 1111 1111 1111 1111		
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				PFBS Agency/	
Chloroform				Interagency	
Protocol release				Review	
Ammonia IAP					
Agency Review					
Chloroprene RfC					
release					
HBCD to OPPT					

Final release							
Public comment							
release							
Agency Review							
ERC Review							
Public Science							
Meeting							
Peer Review							

18						
July	August	September	Octobe	er	November	December
Naphthalene IAP release	Manganese IAP Agency Review RDX Final Release PAH ERC review Handbook Agency Review	ETBE SAB Quality Review TBA SAB Quality Review	LU N E A U C P Ir	Jpcom Naphtl Methy Ethylbo Ammo Jraniu Chrom PAH M norga	<u>hing:</u> halene PSM resch Imercury IAP rele enzene Protocol r nia Protocol relea ium Protocol relea	ase release ase se rase mment Draft relea

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## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

## AUG 10 2018

OFFICE OF RESEARCH AND DEVELOPMENT

## **MEMORANDUM**

- SUBJECT: Soliciting Requests for IRIS Assessments
- FROM: Jennifer Orme-Zavaleta, Ph.D. Principal Deputy Assistant Administrator for Science Office of Research and Development
- TO: Assistant Administrators and Deputies
- CC: Acting Administrator Andrew Wheeler Regional Administrators and Deputies IRIS Points of Contact

On behalf of the Acting Administrator, the Office of Research and Development (ORD) is soliciting program input on priorities for future Integrated Risk Information System (IRIS) assessments as well as the chemicals currently prioritized for the IRIS FY 2018–2019 Portfolio. This request is part of our continuing effort to ensure IRIS assessment activities are focused on the most important Agency needs.

To request an IRIS assessment or to confirm your continued interest in the assessments that are underway within IRIS, please coordinate with ORD to complete an IRIS Assessment Request Form (Attachment 1).

Central to effective implementation of IRIS is information that allows for a clear and common understanding by ORD and your program, not just of priorities, but of the decision or regulatory context for each IRIS assessment. Additionally, this information helps to determine the type of assessment required to meet your program needs. To ensure proper scope and timeliness, the form requires information on the decision context, level of priority your assessment needs, and a requested completion date.

To inform your requests, I am providing a list of assessments currently in the IRIS FY 2018–2019 Portfolio and the expected timeline for completion of an agency draft (Attachment 2). ORD will solicit programmatic input for new assessment needs on an annual basis, but requests for new IRIS priorities can be made at any time.

Please complete these forms by August 31, 2018, and return to me for concurrence. I will synthesize all the responses and report to the Acting Administrator. If you have any questions regarding this request, please feel free to contact me. Thank you.

## IRIS FY 2018–2019 Portfolio

Chemical	Anticipated Completion of Agency Draft	Previously indicated AA/RA-ship Interest
Ammonia (Oral)	FY19 Q3	OW
Arsenic, Inorganic	FY19 Q3	OW, OAR, OLEM, OCSPP, OCHP, Regions 2,5
Chloroform	FY19 Q1	Region 4, OLEM, OAR
Ethylbenzene	FY19 Q4	OW, OLEM, OAR, Regions 1,2,4,5
Formaldehyde	FY18 Q4	OCSPP, OAR OW, OCHP, Regions 2,5
Hexavalent Chromium	FY19 Q3	OCSPP, OLEM, OW, Regions 1,2,4,5
Naphthalene	FY19 Q4	OLEM
Nitrate/Nitrite	FY19 Q4	OW, Regions 2,5
PCBs	FY20 Q2	OW, OLEM, OCHP, Regions 1,2,5,9,10
Uranium	FY19 Q3	OW, OLEM, Regions 10
Manganese	FY20 Q2	OAR, OLEM, OW, OCHP, Regions 1,2,5
Mercury Salts	FY20 Q3	OAR, OLEM, Regions 1,2,3,5
Methylmercury	FY20 Q1	OAR, OLEM, Regions 1,2,5

#### **Other Relevant NCEA Assessments**

NCEA has moved away from one-size-fits-all assessments to a portfolio of chemical evaluation products to meet specific decision contexts. Other relevant assessments not in the "classical" IRIS portfolio are listed below.

PFBA	FY19 Q2	Coordination led by OW & EPA cross-agency PFAS workgroup
PFHxA	FY19 Q2	Coordination led by OW & EPA cross-agency PFAS workgroup
PFHxS	FY19 Q2	Coordination led by OW & EPA cross-agency PFAS workgroup
PFDA	FY19 Q3	Coordination led by OW & EPA cross-agency PFAS workgroup
PFNA	FY19 Q3	Coordination led by OW & EPA cross-agency PFAS workgroup
Acrolein	FY18 Q4	OAR
PAH Mixtures	FY19 Q2	OAR, OLEM, Regions 1,2,5

Attachment 1 IRIS Form

## **IRIS Assessment Request Form**

**Requesting Office:** 

**Request Date:** 

**Chemical Nominated for Assessment:** 

Requested Completion Date: Priority of Assessment:

General Background of Chemical:

Scope of Assessment Request:

**Need** (*Please include decision context. Ex: regulatory driver; or to identify cleanup levels*)

[Signature]

# [Program Office Assistant Administrator or Deputy Administrator]

[Signature]

ORD Principal Deputy Assistant Administrator for Science