

**Impact of IRIS Enhancements on Selected Assessments****1. IRIS assessments that will have a scoping/problem formulation meeting.**

All IRIS assessments that are at the beginning of the IRIS Process and have not yet begun draft development will have a public scoping/problem formulation meeting. These include the following:

- a) acetaldehyde
- b) ethylbenzene
- c) manganese
- d) mercury/methyl mercury
- e) naphthalene
- f) uranium
- g) vanadium and compounds

**2. IRIS assessments that will have literature search, search strategy and evidence tables released for public comment followed by a public meeting.**

All of the assessments listed in #1 above will undergo this step of the enhancements. In addition, the following assessments will undergo this step because the assessments are in the early stages of draft development:

- a) arsenic (inorganic)
- b) hexavalent chromium
- c) t-butanol
- d) butylbenzyl phthalate
- e) ETBE
- f) dibutyl phthalate
- g) diethylhexyl phthalate
- h) diethyl phthalate
- i) diisobutyl phthalate
- j) diisononyl phthalate
- k) hexabromocyclododecane (HBCD)
- l) PCBs (noncancer)
- m) RDX

**3. Status of selected other IRIS assessments.**

Other assessments that are in the IRIS pipeline are either far along in the draft development process or have already undergone external peer review and are being revised for completion at this time. A table of assessments that fall into these categories follows:

<b>Chemicals</b>	<b>Rationale</b>	<b>Current or next step in IRIS Process</b>
formaldehyde	Draft assessment previously released for public comment and external peer review (Step 4); assessment undergoing revisions based on public comments and NRC recommendations	Step 4 (release revised assessment for additional public comment prior to external peer review)
acrylonitrile and n-butanol	Draft assessments previously released for public comment; assessments undergoing revisions based on public comments and NRC recommendations	Step 4 (release revised assessments for additional public comment prior to external peer review)
PAH mixtures	Draft assessment previously released for public comment and external peer review (Step 4); assess undergoing revisions based on public comments and peer review recommendations	Step 4 (release revised assessment for additional public comment prior to external peer review)
ethylene oxide (cancer)	Draft assessment previously released for public comment and external peer review (Step 4); assessment revised based on public comments and peer review recommendations and released for additional public comment and peer review	Step 4 (additional public comment and external peer review of revised assessment ongoing)
benzo[a]pyrene	Draft assessment completed and has undergone Agency and interagency review (Steps 2 and 3)	Step 4 (release for public comment prior to external peer review)
ammonia and trimethylbenzenes	Draft assessments previously released for public comment; assessments undergoing revisions based on public comments	Step 4 (public comment and external peer review)
Libby amphibole and vanadium pentoxide	Step 4 (public comment and external peer review) completed	Step 5 (revision)
methanol (noncancer)	Step 4 (public comment and external peer review) completed	Step 6 (final Agency and interagency review)
biphenyl and 1,4-dioxane (inhalation)	Step 4 (public comment and external peer review), Step 5 (revision), and Step 6 (final Agency and interagency review) completed	Step 7 (final posting on the IRIS database)