

**DEQ and DHHS  
List of Priorities for the SAB**

**November 13, 2017**

<b>Agency / Division</b>	<b>Requester</b>	<b>Priority Area Number</b>	<b>Priority Request Description</b>	<b>Reason(s) Why it is a Priority</b>	<b>Target Outcome</b>
DHHS / Division of Public Health	Dr. Betsey Tilson	1	Review GenX health goal.	May need to develop a future provisional health goal for GenX. The Provisional health goal may be subject to change if/when there is access to more information.	Develop draft surface water and ground water standards for consideration by the Environmental Management Commission.
		2	Review hexavalent chromium associated with coal ash.	Need to review currently available health data. Examine calculation of health goal. Determine if a change is needed. The 2016 Provisional health goal is 0.07µg/l which may be subject to change if/when there is access to more information.	Develop draft surface water and ground water standards for consideration by the Environmental Management Commission.
		3	Review other emerging compounds.	Need to consider the ability to establish additional health goals and assess potential health impacts of emerging compounds with little to no information available. Specific compounds identified included perfluorinated alkyl substances (PFASs);	Develop draft surface water and ground water standards for consideration by the Environmental Management Commission.

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		4	Develop standardized mechanisms for reviewing health data.	Need to assess whether a standardized mechanism for approaching health data for emerging perfluorinated alkyl substances could be put in place.	Appropriate guidelines are developed.
		5	Evaluate issues with emerging technology in toxicity studies.	Need to address questions and concerns regarding newer toxicology methods e.g. computational toxicology; sort through different technologies; determine comfort with those technologies and toxicology information developed and ability to use that information to help set a health goal.	Appropriate guidelines are developed.
DEQ / Division of Water Resources	Linda Culpepper	1, 2, 3	Review GenX and other emerging compounds.	Need to review current health studies, recommend research conclusions regarding adverse health effects, cancer slope factors, information on bioaccumulation and bioconcentration, and safety factors associated with surface and ground water standards development.	Develop draft surface water and ground water standards for consideration by the Environmental Management Commission
DEQ / Division of Waste Management	Michael Scott	6	Review vapor intrusion of trichloroethylene (TCE) in residential and commercial indoor settings.	Need to review how 2-trichloroethylene contaminated groundwater or soil can compromise an indoor air environment. Review TCE's acute risks and DWM's action levels	Revise TCE action levels per review.

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				regarding short-term inhalation risks. Review long term risks associated with TCE exposure.	
DEQ / Division of Air Quality	Michael Abraczinskas	1, 2	Review studies related to inhalation risks of GenX and other emerging contaminants. Recommend acceptable ambient levels for GenX and other emerging contaminants.	Need to review health studies and provide technical expertise in toxicology and risk assessment for developing acceptable ambient levels. Need recommendations on acceptable ambient levels for toxic air emissions for chemicals with the potential to cause adverse health effects.	Develop draft acceptable ambient levels for consideration by the Environmental Management Commission.
		3, 6	Reevaluate TCE and hexavalent chromium acceptable ambient levels.	Need recommendations on whether existing acceptable ambient levels warrant revisions; may require taking into consideration the complimentary nature of federal technology-based standards.	