

Chesapeake Bay Program  
Update on Program Integration of  
Chemical Contaminants

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October 3, 2013

# CBP Chem. Contaminants Overview

- CWA 117 requires toxics strategy
- EO 13508 calls for assessment report, goals/outcomes, strategy
- New Bay Agreement underway has considered inclusion of goals/outcomes
- Two outcomes were proposed under water quality goal
  - Monitoring and research
  - Reduction of contaminant inputs

# EO 13508 Report on Chem. Contaminants - Extent

- Widespread:
  - PCBs, PAHs, Mercury
  - some herbicides (atrazine, simazine, metolachlor, and their degradation products)
- Localized:
  - Dioxins/furans, petroleum hydrocarbons
  - Insecticides (aldrin, chlordane, dieldrin, DDT/DDE, heptachlor epoxide, mirex)
  - Metals: Al, Cr, Fe, Pb, Mn, Zn
- Uncertain: pharmaceuticals, care products, flame retardants, some pesticides, hormones

# EO 13508 Report on Chem. Contaminants - Severity

Widespread: PCBs and mercury

Localized:

- dioxins/furans, PAHs, petroleum,
- Insecticides: aldrin, chlordane, dieldrin, DDT/  
DDE, heptachlor epoxide, mirex
- Metals: Al, Cr, Fe, Pb, Mn, Zn

Uncertain:

- pharmaceuticals, care products, flame  
retardants, biogenic hormones
- herbicides (atrazine, simazine, metolachlor, and  
their degradation products)

# Goal and Proposed Outcomes

- **Water Quality Goal:** Reduce pollutants to achieve the water quality necessary to support the aquatic living resources of the bay and its tributaries and protect human health.
  - ***Toxic Contaminants Research Outcome:** Improve knowledge of the effects of contaminants of emerging concern on the health of fish and wildlife so future strategies can be considered.*
  - ***Toxic Contaminants Reduction Outcome:** Identify and implement practices to reduce loadings of PCBs and mercury to the Chesapeake Bay and its watershed.*

# Goal and Proposed Outcomes

## Status and Next Steps

- CBP PSC voted on 9-24-2013 to not include either contaminants outcome
- Public review version will be posted within the next few weeks
- 30 day public comment period
- Next draft or final version date uncertain
- EO 13508 work plan and two-year milestones may include contaminants outcomes for federal agencies to pursue

## Additional Information



- EO report on contaminants  
[http://  
executiveorder.chesapeakebay.net/  
post/Federal-Agencies-release-  
Technical-Report-on-Toxic-  
Contaminants-in-the-Chesapeake-  
Bay-and-its-Watershed.aspx](http://executiveorder.chesapeakebay.net/post/Federal-Agencies-release-Technical-Report-on-Toxic-Contaminants-in-the-Chesapeake-Bay-and-its-Watershed.aspx)
- Next CBP agreement draft  
posted to  
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