Goal 1 - Toxics Monitoring (2020)

## “Continue support for established monitoring programs (e.g. fish tissue), and achieve expansion of toxics monitoring in ambient water and sediment, by 2020”

Suggested Responsible Entities: DRBC, States, EPA, NOAA, PDE Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Background: An interim step is assumed in this goal. An assessment must be conducted to recommend toxics that would benefit from additional of ambient water and sediment column testing.

Discussion questions:

1. Which toxics could most benefit from additional ambient water or sediment monitoring?
2. Which established monitoring programs are most at risk from funding cuts?
3. Are current levels and intervals of fish tissue monitoring sufficient?
4. Brainstorm: How could education, marketing, or outreach goals be used to improve public support for toxics monitoring?

2020 Timeline (circle one): Sufficient Too early Too Late Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes/Rewrite Goal:

Goal 2 – Contaminated Sites (2020)

## “Prioritize and increase urban waterfront brownfield projects by 2017 (according to habitat & community goals)”

Suggested Responsible Entities: States, EPA, NOAA, PDE Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Background: “EPA’s Brownfields Program empowers states, communities, and other stakeholders to work together to prevent, assess, safely cleanup, and sustainably reuse brownfields. **A brownfield site is a real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant.** In 2002, the Small Business Liability Relief and Brownfields Revitalization Act was passed to help states and communities around the county clean up and revitalize brownfield sites. Under this law, EPA provides financial assistance to eligible applicants through competitive grant programs for brownfields site assessment, site cleanup, revolving loan funds, area-wide planning, and job training.”

-2013 – Philadelphia City Planning Commission was awarded $200K to develop an area-wide plan.

Discussion questions:

1. What entity/partnership could develop of an estuary-wide plan for priority brownfields projects?
2. Should brownfield projects be prioritized according to toxics of concern?

2020 Timeline (circle one): Sufficient Too early Too Late Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes/Rewrite Goal:

Goal 3 – Interim Criteria (2025)

## “Asses the need for and establish criteria for emerging contaminants of concern (e.g. dioxin/furans, flame retardants, PFCs, pharmaceuticals and PCPs) by 2025”

Suggested Responsible Entities: DRBC, States, EPA, NOAA, PDE Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Background: This process is already underway, and DRBC sub-committee is working on recommendations for criteria for emerging contaminants of concern. Once criteria are established, this sets the TMDL process in motion. The assumption is that not all COC’s need criteria to be set.

Discussion questions:

1. Should we list examples of COC’s in this goal, or keep the wording ambiguous?
2. Is 2025 appropriate to achieve assessment and criteria-setting for toxics?

2025 Timeline (circle one): Sufficient Too early Too Late Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes/Rewrite Goal:

Goal 4 – PCB Total-Load Reduction (2025)

## “Reduce total PCB loads by 25% (relative to 2013 levels by) 2025”

Suggested Responsible Entities: DRBC, States, EPA, NOAA, PDE Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Background: The last report issued was in 2003, and a 10-year followup report is due out in 2013. The 2013 report will set a new baseline for PCBs, which can be the starting point for this goal. The latest findings show a 46% reduction in point source loadings of PCBs between 2005-2011, however this is different from the total PCB loads in the goal.

Discussion questions:

1. Total load vs. point source load – all 209 or a subset of congeners, and recirculation of legacy pollution.
2. Most contaminated sites have some level of remediation, but is it enough?
3. Is 25% by 2025 aggressive enough?
4. What could sea level rise mean for PCB loadings? More contaminated sites could be vulnerable to flooding.
5. How do contributions air and other non-point sources complicate this goal?

2025 Timeline (circle one): Sufficient Too early Too Late Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes/Rewrite Goal:

Goal 5 – Long-term Reductions (2050)

## “Reduce loads of pollutants of concern associated with criteria/TMDLs by 25% by 2050”

Suggested Responsible Entities: DRBC, States, EPA, NOAA, PDE Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Background: Follows from Goal 3, criteria is set by 2025, and 25 years is allowed for 25% reductions. This goal applies across equally to any pollutant of concern with its criteria established by 2025.

Discussion questions:

1. 25% in 25 years – too little, too much time?

2050 Timeline (circle one): Sufficient Too early Too Late Other:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Notes/Rewrite Goal: