

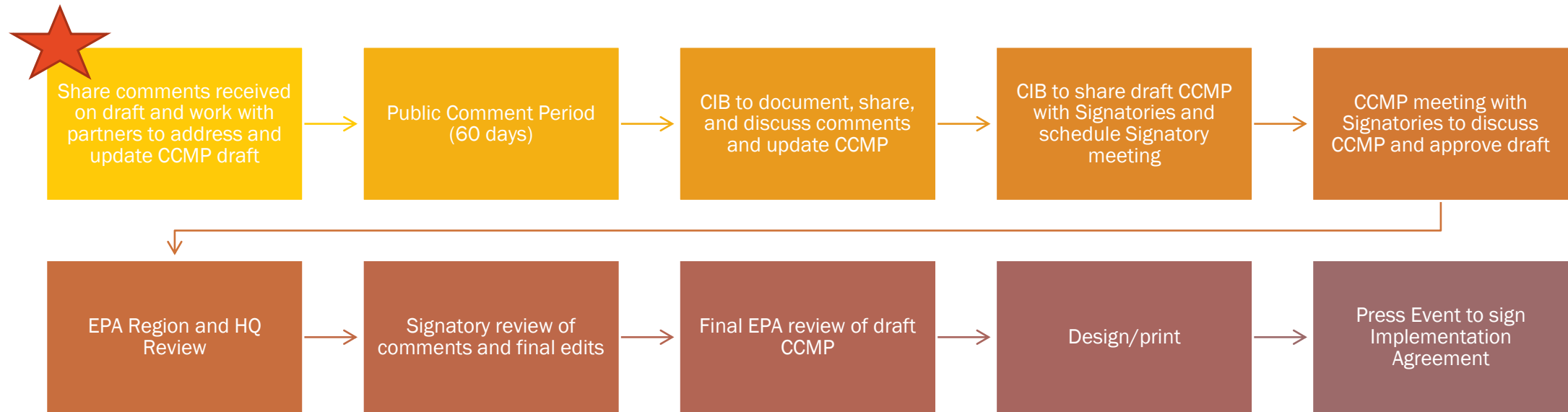
Delaware Inland Bays Comprehensive Conservation and Management Plan Revision

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What step is this anyway?



“Lead” and “Support” – What?

- Lead vs. Supporting role
 - STAC is a Signatory to the CCMP and thus has a direct role in implementing the CCMP.
 - We made the decision to only assign CCMP Signatories as Lead or Support. We do understand that many other entities and partners will assist with implementing the CCMP.
 - **Lead**: Directly responsible for implementing and reporting progress on implementation.
 - **Support**: Provides support for implementation, including but not limited to: data, expertise, time, funding

What did people have to say?

1. We need to have more specificity when it comes to the performance measures, timeframes, and key milestones.
2. We need to add more detail to the narrative portions of the document.

Specifically..

- New topics/actions suggested by STAC members:
 - Goal/action to promote the use of the 4R nutrient stewardship approach (right time, right place, right rate, right source) to reduce nutrient losses from crop land
 - Action on educating homeowners/private turf owners on the wise use of fertilizer
 - Road salt as an emerging concern – either added to the narrative or as an action
 - Action that points to efforts to replant or reestablish bay grasses
- New topics/actions suggested by other reviewers:
 - Develop a program whereby MS4 communities can pay for BMPs on ag lands and receive credit toward their permit pollutant reduction goals.
 - Educate homeowners and HOAs on how to properly manage their own lawns if they do not use a commercial company.
 - Designate communities as MS4s and include NPDES permit requirements to reduce a certain % of effective impervious surface.
 - Test bay grass plantings and monitor success rates or conditions (like turbidity)
 - Monitor microplastics (including microfibers) in the Inland Bays to inform future management actions.

STAC is currently
responsible for..

STAC Lead

Core Element	Action
Reducing Pollution from the Developed Landscape	Develop a nutrient budget for wastewater to determine existing and projected loads to receiving waters and report biannually; Explore the need for annual updates.
Reducing Pollution from the Developed Landscape	Research the attenuation of nutrients and contaminants released from County-owned wastewater systems along flow paths to receiving waters.
Reducing Pollution from the Developed Landscape	Develop a nutrient budget for stormwater to determine existing and projected loads to receiving waters and report biannually; Explore the need for annual updates
Healthy Bay Ecosystems	Update the Inland Bays estuarine water quality and hydrodynamic model.
Healthy Bay Ecosystems	Update the Inland Bays watershed nutrient loading model.
Healthy Bay Ecosystems	Continue research on potential for reestablishing bay grasses.
Education, Outreach, and Marketing	Results of Inland Bays environmental studies or projects are published.

STAC Support

Core Element	Action
Living with a Changing Climate	Develop a Coastal Flood Monitoring System for the Inland Bays to provide a publicly-accessible, real-time tool to create flood inundation potential maps and time series of forecasted tidal predictions.
Living with a Changing Climate	Create and support projects that monitor the effects of climate change and communicate those effects to the public.
Healthy Agricultural Landscapes	Promote agricultural utilization of treated wastewater where practicable.
Healthy Agricultural Landscapes	Promote on-farm research on nutrient best management practices with farmers.
Healthy Bay Ecosystems	Utilize updated estuarine and watershed models to evaluate if existing TMDLs are adequate to achieve water quality standards for nitrogen and phosphorus.
Healthy Bay Ecosystems	Provide technical assistance for shellfish aquaculture.
Coordinated Land & Water Use Management	Conduct tech transfer workshop(s) with municipalities on impervious surface limits.