

Monitoring Conduct review of monitoring plans/networks in conjunction with the states, community groups and other monitoring partners every 5 years Monitoring Secure funding for monitoring networks through meetings with partnership to evaluate resource opportunities, assess vulnerabilities, and develop strategies to prevent network contraction Maintain and enhance the Monitoring current CBP core Expand continuous water quality monitoring in tidal monitoring tributaries and the networks (Nontidal, bay through Tidal, Benthic, SAV) development of the hypoxia monitoring network and other projects to fill gaps for unassessed water quality criteria, fish habitat assessment, and model development calibration and verification Monitoring Investigate science advances for monitoring to integrate into networks Attainment Establish at least one partnership approved assessment method to fully assess all Bay DO criteria through continued development and communication of the 4D interpolator, exploring state suggested assessments, and collaborative meetings to discuss paths forward. Improved Attainment assessment capabilities by Develop partnership 2028 with reporting by 2030 through a approved assessment partnership methodologies for approved all Bay criteria, in methodology for addition to Bay tracking assessment of dissolved oxygen. water quality standards in the 92 segments. Attainment Continually evaluate assessment methods to reevaluate criteria methods.

Attainment Conduct analysis to update attainment of water quality standards in the tidal waters annually to produce results for CBP indicator to show on for CBP ChesapeakeProgre ss.com and Bay Barometer which are updated annually Analysis Conduct/process water quality trends using baytrends R Improved analysis package for shortof the Bay and and long-term tributary water trends by quality conditions collaborating with and the impact of MD DNR, VA DEQ, management DOEE and COG. actions through Results are posted trend analysis on CBP ITAT annually using tidal monitoring data website, from more than 130 baytrendsmapping monitoring stations tool, CAST, and Chesapeake Bay throughout the Watershed Data mainstem and tidal portions of the Bay. Dashboard. Develop summary document and presentation released. Analysis Conduct/process loads and trends at the River Input Monitoring stations. Post results on USGS Nontidal Monitoring Website. Produce Improved analysis data release. in nontidal water quality conditions and the impact of management Analysis actions through Conduct/process load and trend loads and trends analysis annually for the CBP for the River Input **Nontidal Trends** Monitoring stations Network sites. Post and biannually for results on USGS the nontial network Nontidal stations. Monitoring Website and Chesapeake Bay Watershed Data Dashboard. Produce data release and storymap Improved analysis for aquatic habitat stressors with existing networks Analysis (i.e., salinity, Conduct analysis temperature, and trends on bacteria) to expand parameters that parameters outside inform aquatic of DO, CHLA, habitat stressors Clarity, N, P, and S based on published to inform organism effects overall water levels quality health of the Bay and watershed for living resources



