

# Potomac Basin Comprehensive Water Resources Plan

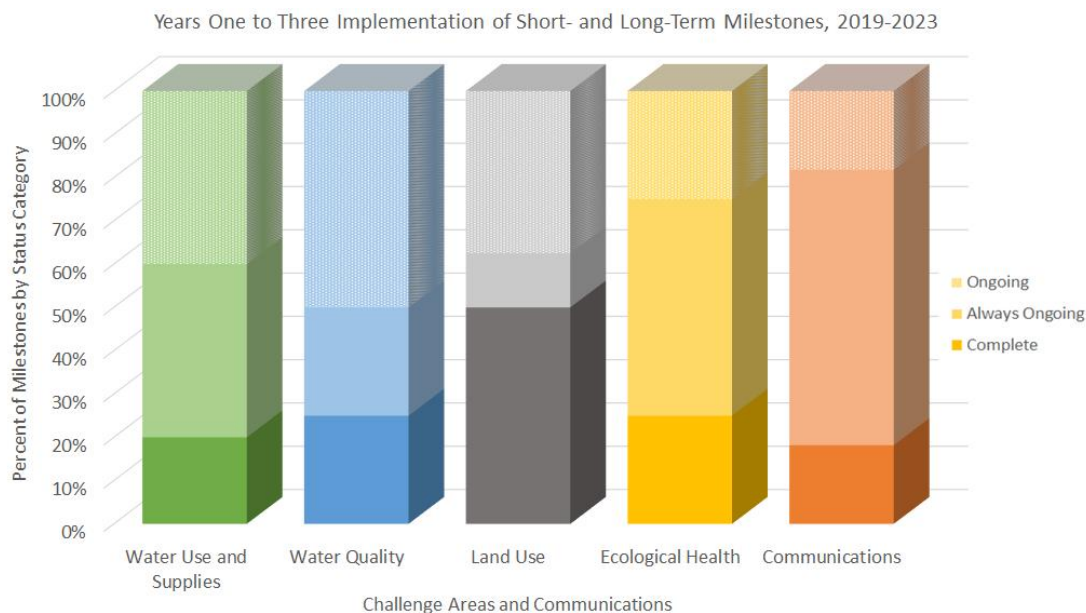
## Year One through Three Implementation Progress

The first three years of implementation of the [Potomac Basin Comprehensive Water Resources Plan](#) resulted in the successful completion of approximately thirty percent of the planning milestones, continuation of another forty percent of the milestones whose implementation will be perpetually ongoing, and continuing efforts to address another thirty percent of the planning milestones. This document lists some of the highlights from the past year, provides a general overview of the plan's implementation status (Figure 1), describes select ongoing activities, and gives a more detailed picture of implementation status by individual milestone (Figure 2).

### Year Three Highlights

- ✓ A [pamphlet](#) was published on unreported water uses in the basin that includes estimates by HUC-8 for the irrigation, livestock, unconventional oil and gas, thermoelectric, self-supplied domestic, aquaculture, and mining sectors.
- ✓ ICPRB initiated a webinar series for information sharing between land use decision-makers in the basin. The [kickoff event](#) held on May 7, 2021.
- ✓ ICPRB hosted a Virtual Event Series in August and September 2021 to identify opportunities to enhance implementation and evaluate success of the Potomac Basin Comprehensive Water Resources Plan.
- ✓ The ICPRB [CO-OP 2020 demand study](#) was completed.
- ✓ ICPRB's CO-OP Section and Loudoun Water are completing a joint project, with the assistance of the contractor, Hazen & Sawyer, to update the Potomac OASIS model for use as a collaborative tool to explore the benefits of cooperative operation of Milestone Reservoir.
- ✓ ICPRB signed on to the 2021 Interstate Council on Water Policy streamgage letter.

Figure 1. Year one, two, and three implementation progress for short- and long-term milestones, 2019-2023. This figure does not illustrate percent complete by funding or staff time, only by the number of milestones in each status category. Challenge areas are distinguished by color. Status is designated using three shades of that color. The figure legend was developed using Ecological Health as an example. The colors used in Figure 1 correspond to those used in Figure 2. While communications is not a challenge area, per se, it is a key component of implementation and is included here for reference.



## Select Ongoing Activities

- The Potomac Data Inventory and Mapping Exploration (DIME) initiative is in full swing to make Potomac data sets readily accessed, related, and explored.
- Efforts are underway to quantify state reported, basin-wide water uses, demands, and consumptive demands. This effort will complement the completed unreported water uses project to provide a comprehensive look at water uses in the basin.
- The biannual land use webinar series, initiated on May 7, 2021, will continue to promote information sharing amongst land use decision-makers in the basin.
- Building on discussions at the 2020 Virtual Event Series, staff are compiling and describing environmental metrics to use in 2023 to evaluate the environmental impact of the plan’s implementation.
- Ongoing research in the Cacapon River continues to try to identify the link between non-point nutrient sources and localized algal blooms in the region. Most recently, ICPRB has started investigating the role ground water as a vector of nutrient transport in this region.
- ICPRB continues to meet with state and local stakeholders, identify and fill in data needs, and conduct river user outreach in the North Branch Potomac River region to optimize the multiple uses of the watershed.
- Focused communications activities included press releases, frequent social media posts, and targeted presentations.

Figure 2. Implementation status by milestone and challenge area. Detailed descriptions of each milestone can be found in the comprehensive plan or in the pre-meeting materials for each challenge area. While communications is not a challenge area, per se, it is a key component of implementation and is included here for reference. Colors used in this figure correspond to colors used in Figure 1. The darker the shade, the closer a milestone is to being complete.



## References

USACOE and ICPRB. 2020. Planning Assistance to States: Jennings Randolph Lake Scoping Study Phase II Report. U.S. Army Corps of Engineers, Baltimore District, Maryland.