



Maryland
Department of
the Environment

2025-2032 Vision for Clean Water Act §303(d) Program

**Water and Science Administration
June 13, 2024**

Outline

- Background
- EPA's new Vision
- Process of identifying priorities
- Outcomes
- Future updates

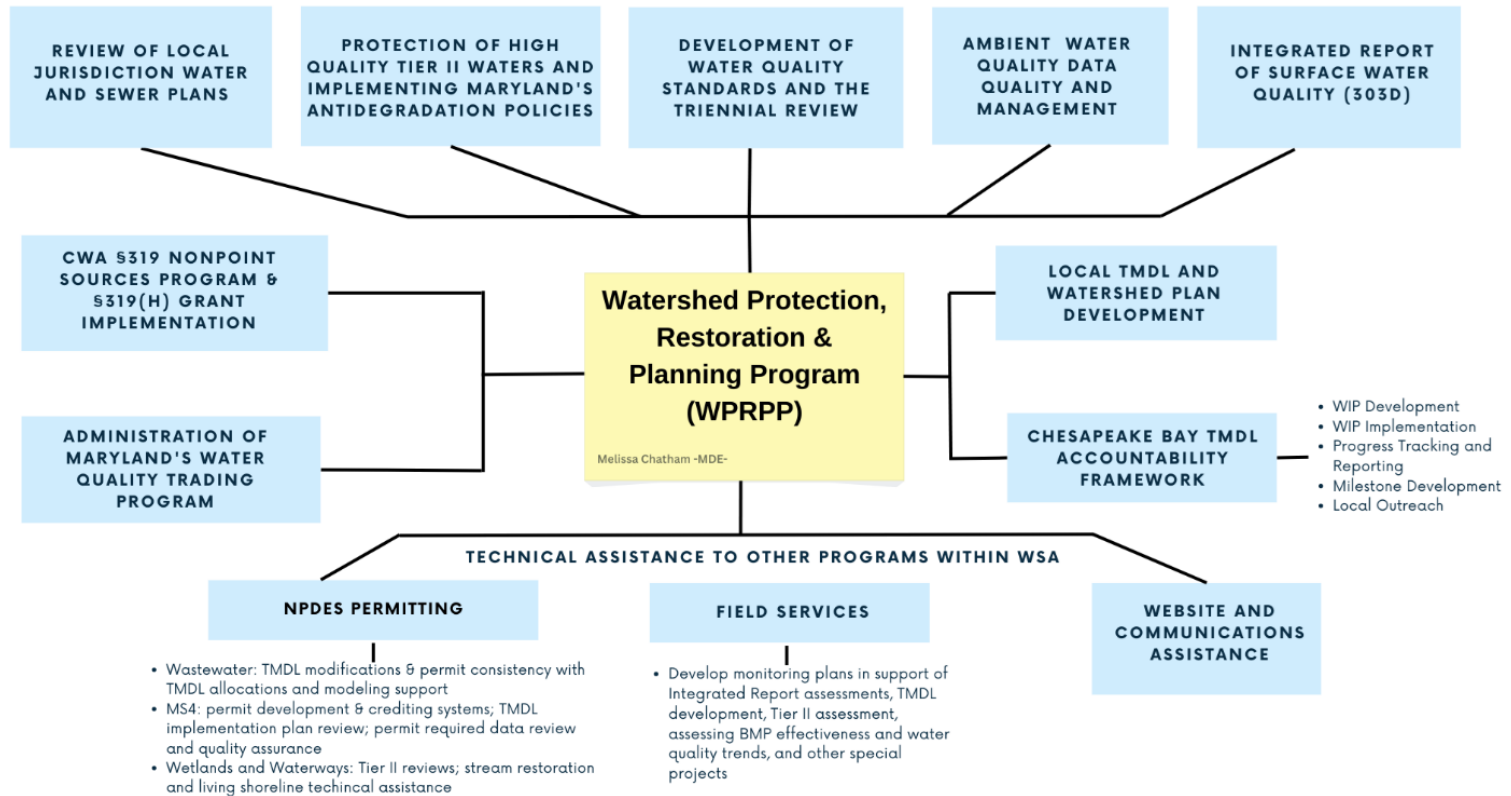


Background

- The State must establish a Total Maximum Daily Load (TMDL) of the contaminant that a impaired water can receive without violating water quality standards.
- In 2013, EPA developed a vision for Section 303(d) of the Clean Water Act (CWA) and provided guidance for states to prioritize the development of TMDLs.
- The Vision was designed to focus efforts to advance the effectiveness of the CWA.
- The time period the New Vision covered was from 2016-2022 and Maryland provided its New Vision in the 2016 Integrated Report.



Background



EPA's 2022 Vision for CWA §303(d)

- The 2022 Vision is EPA's next iteration of the Vision for the CWA §303(d).
- The time period the New Vision covers is from 2025-2032 and Maryland includes its priorities with the submission of the 2024 Integrated Report.
- The new vision is intended to encourage flexible and innovative approaches for states to implement CWA Section 303(d), as well as to identify ways to best use limited resources to lead to restoration and protection, to leverage partnerships, and to encourage development of solutions to emerging and difficult water quality issues.

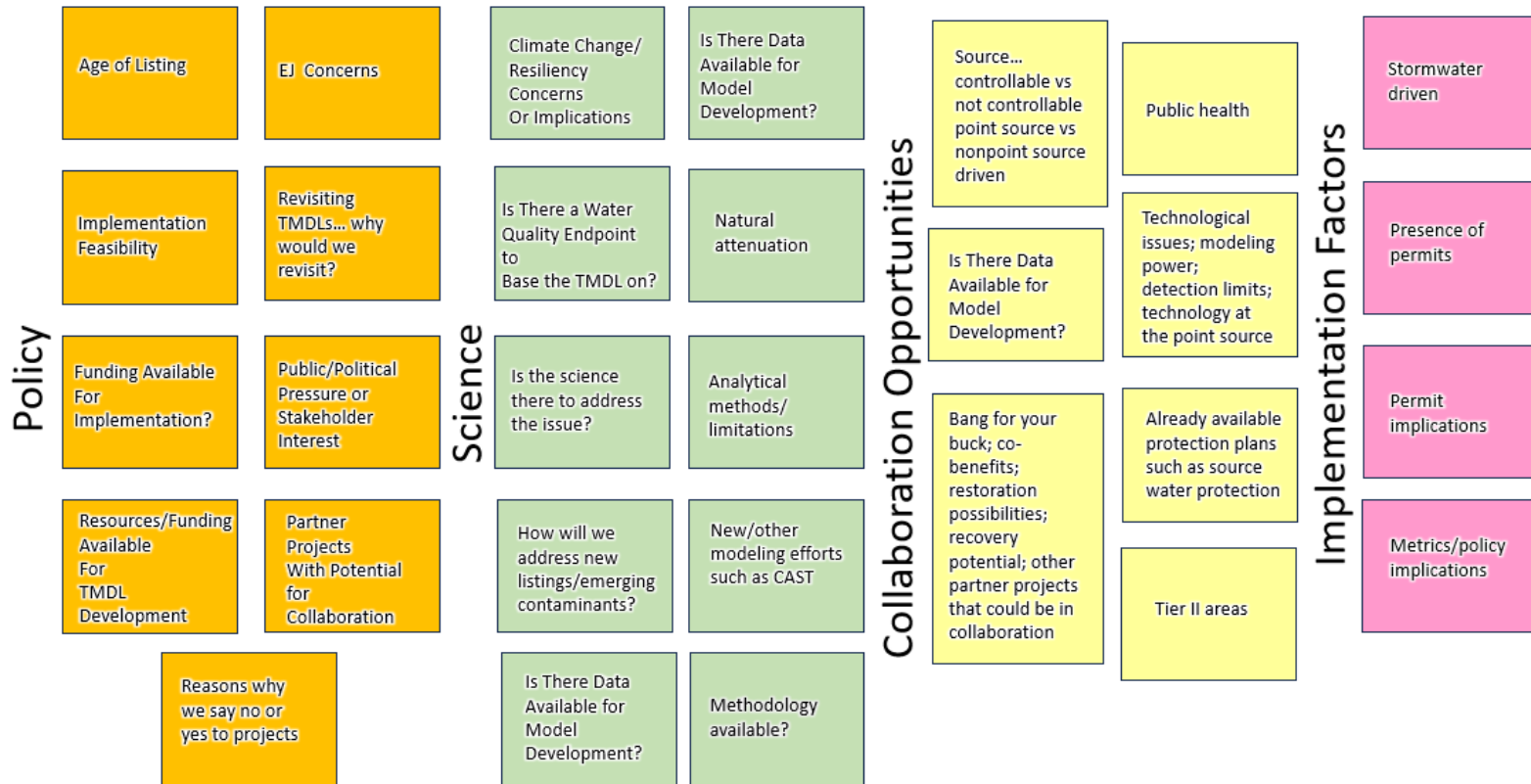


Process for Identifying Priorities

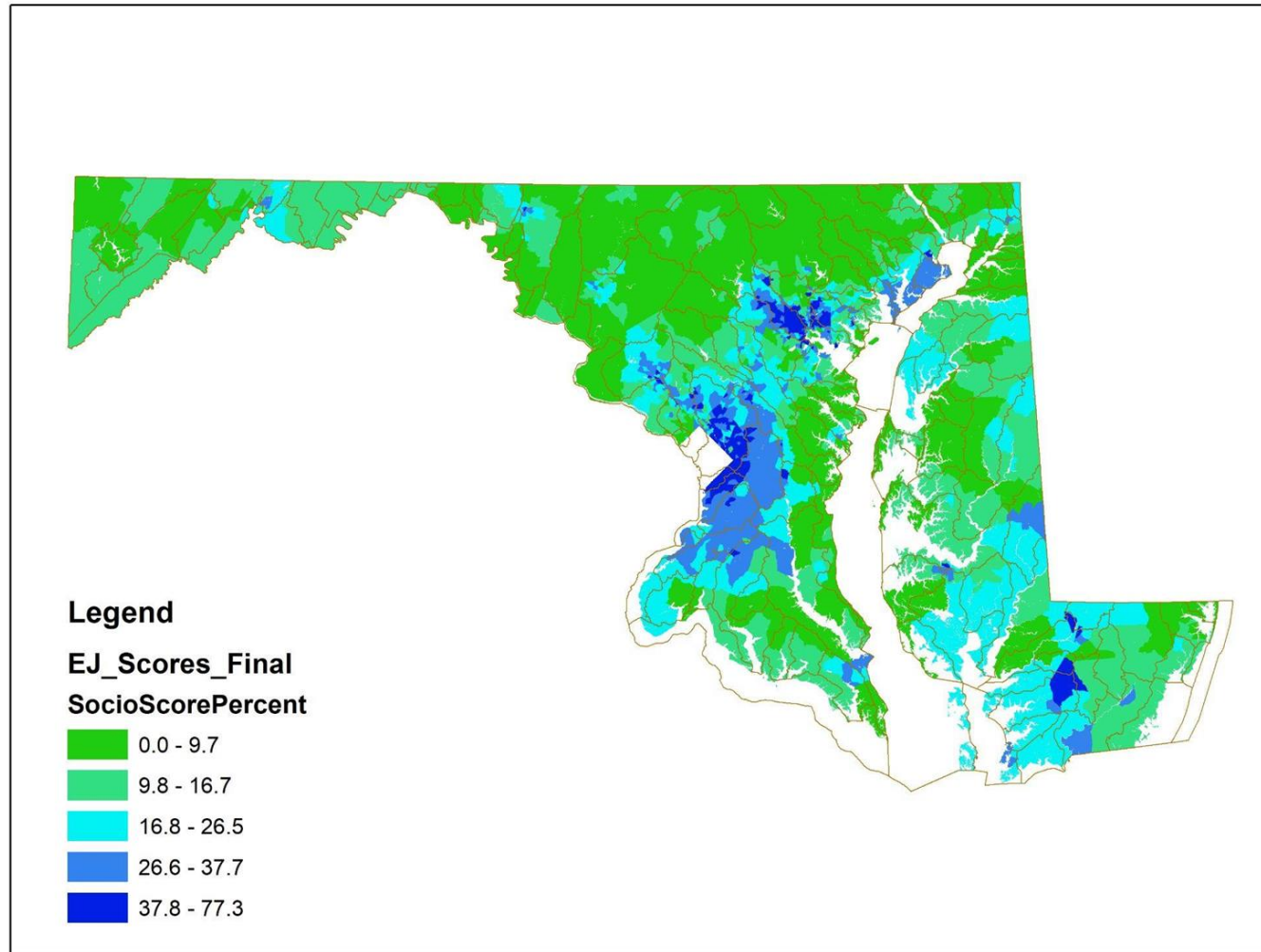
- Maryland's primary objective under the 2022 Vision was to identify which of the 359 category 5 impairment listings on the 2022 Integrated Report would be priorities for TMDL and other plan development over the eight-year span covered by the 2022 Vision.



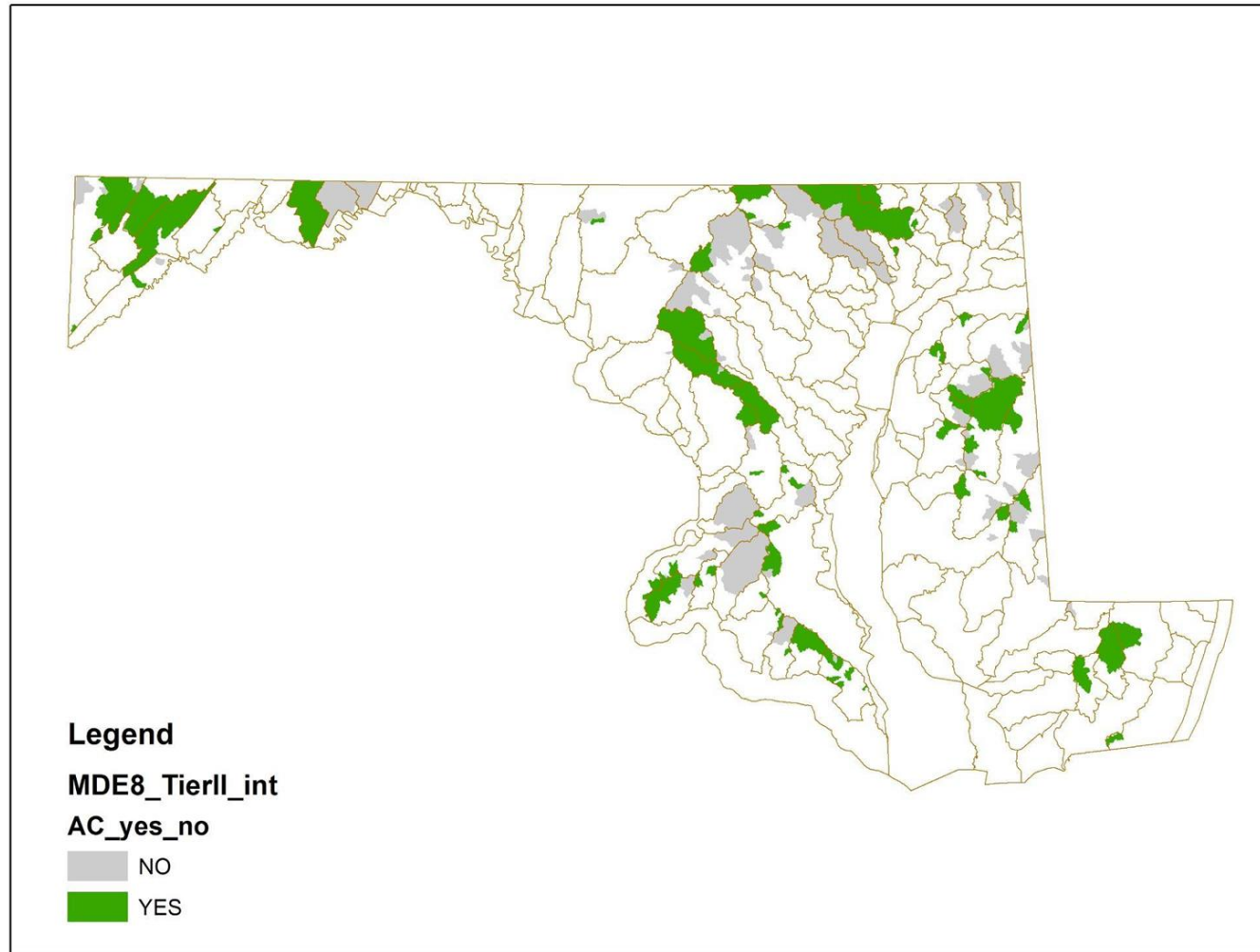
Process for Identifying Priorities



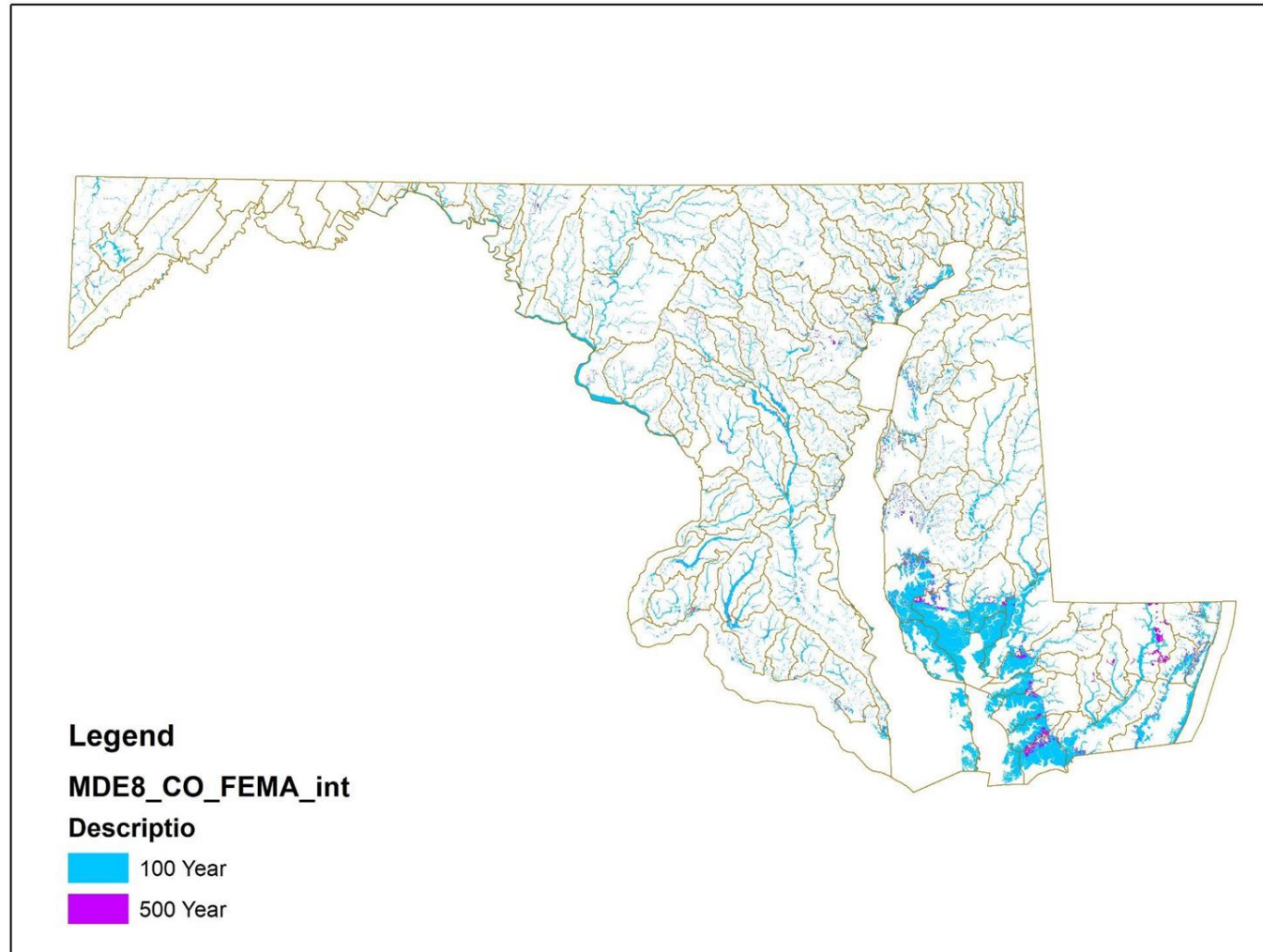
Process for Identifying Priorities



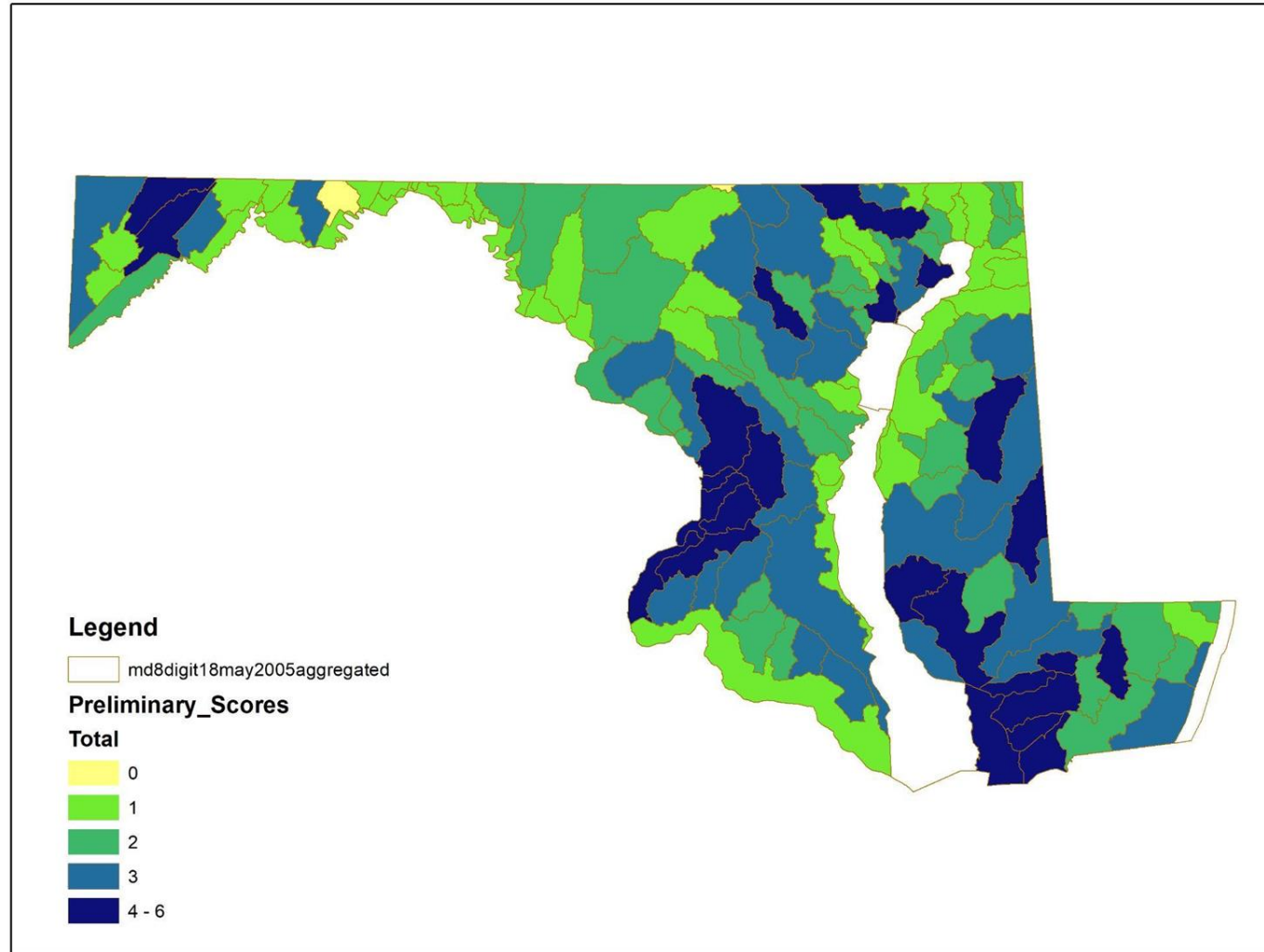
Process for Identifying Priorities



Process for Identifying Priorities



Process for Identifying Priorities



Pollutant/Waterbody Combinations identified to be addressed between 2025-2032

| 8-Digit Basin Number | Basin Name | Pollutant/Impairing Substance | Priority Rationale | 2024 303(d) List Count |
|----------------------|--|--|---|------------------------|
| 02130306 | Marshyhope Creek | Non-tidal Sediment | High EJ Score, Age of listing | 1 |
| 02130403 | Lower Choptank River | Non-tidal Sediment | Stakeholder interest, Age of listing | 1 |
| 02130308 | Transquaking River | Non-tidal Sediment | Flooding, Age of listing | 1 |
| 05020203 | Deep Creek Lake | Non-tidal Sediment | Stakeholder interest, Age of listing, In-progress project | 1 |
| 02130806 | Prettyboy Reservoir | Temperature | Climate Change, Tier II, In-progress project | 37 |
| 02140303 | Upper Monocacy River | Temperature | Climate Change | 24 |
| 02120202 | Deer Creek | Temperature | Climate Change, Tier II | 29 |
| 02140305 | Catoctin Creek | Temperature | Climate Change | 13 |
| 02130904 | Jones Falls | Temperature | Climate Change | 19 |
| 02130905 | Gwynns Falls | Temperature | Climate Change, Previous project available, High EJ Score | 11 |
| MD-02140203-Mainstem | Piscataway Creek Mainstem | PFOS - Fish Tissue | Emerging contaminant, High EJ Score, Public Health | 1 |
| MD-PISTF | PISTF – Piscataway Creek Tidal Fresh | PFOS – Fish Tissue | Emerging contaminant, public health | 1 |
| 02130403 | Lower Choptank River | Non-tidal Nutrient | Age of Listing | 1 |
| 02130301 | Lower Wicomico River | Non-tidal Nutrient | Flooding, Age of Listing | 1 |
| 02130509 | Middle Chester River | Non-tidal Nutrient | Tier II, Age of Listing | 1 |
| 02130706 | Swan Creek | Non-tidal Nutrient | EJ areas, Age of Listing | 1 |
| 02130903/ PATMH | Baltimore Harbor | Bacteria | Technical fixes may be appropriate (4b plan), stakeholder interest, age of listing, public health | 1 |
| 02120204 | Susquehanna River/Conowingo Dam | PCBs – Fish Tissue | Public Health, Age of listing, project in progress | 1 |
| 02120201 | Lower Susquehanna River | PCBs – Fish Tissue | Public Health, Age of listing, project in progress | 1 |
| 02130807 | Middle River | PCBs – Fish Tissue | Public Health, Age of listing, EJ areas, project in progress | 1 |
| 02130904 | Jones Falls | PCBs – Fish Tissue | Public health, EJ areas | 1 |
| 02130905 | Gwynns Falls | PCBs – Fish Tissue | Public health, EJ areas | 1 |
| 02130903 | Bear Creek in the Baltimore Harbor watershed | Zinc | Potential 4b plan, Superfund National Priorities List (NPL) site, Age of listing | 1 |
| 02130903 | Bear Creek in the Baltimore Harbor watershed | Lead | Potential 4b plan, Superfund National Priorities List (NPL) site, Age of listing | 1 |
| | 2025-2032 | Total Listings Addressed from 2024 303(d) List | | 151 |

Vision 2022 Updates

- Since the IR process is conducted every two years, this provides Maryland the opportunity to update its priorities based on new available data every two years.



For More Information

Watershed Protection, Restoration and Planning
Program

Guido Yactayo

guido.yactayo@maryland.gov

<https://mde.maryland.gov/TMDL>

1800 Washington Boulevard | Baltimore, MD 21230-1718
410-537-3000 | TTY Users: 1-800-735-2258
www.mde.maryland.gov



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