



Howard/Baltimore County, MD - Stormwater

Project Location: Howard and Baltimore County, MD

Team Members Needed:

Please see description and responsibilities of team members needed (at a minimum):

1. Responsible Engineers in Charge (REIC) – *Professional Engineer licensed in the State of Maryland with at least four years of professional experience in wastewater*
2. Quality Assurance Managers (QAMs) – *Professional Engineers licensed in any state with at least four years of experience in wastewater*
3. Project Lead - *Project Manager (no professional certification required)*
4. Subject Matter Experts:
 1. Certified Floodplain Manager - *Certified Flood Plain Manager*
 2. Environmental Scientist - *To assist with data collection and presentation to county leadership pertaining to planned development initiatives*

Full descriptions and roles/responsibilities are linked and can be found on our website.

Outside of those listed above, additional general project team members are welcome and encouraged to contribute.

Two flood management initiatives in Howard and Baltimore counties in Maryland are looking to install high-water gauges on the Patapsco River Bridge, and the tributaries feeding the river in Howard and Baltimore Counties. The communities are seeking Community Engineering Corps' support with understanding the process of installing the gauges and building a case with local governments to have them installed.

The communities are also looking into modeling a stretch of the Patapsco River between Oella and Catonsville, MD. They are striving to fight a planned development in Baltimore County on a known floodplain area, and require an environmental scientist's support to provide data that shows there should not be development on the floodplain. This data would be collected with the intention of presenting to county officials.

This project stems from the region's severe annual flooding, with the most notable being unprecedented, deadly flooding in 2016.

Description of the Community: This project covers large sections of Howard and Baltimore County in Maryland. While the immediately affected areas are not classified as underserved, there are concerns pertaining to environmental vulnerability, especially concerning the surrounding low-income communities.

Project Scope of Work: The flood management initiatives are seeking two outcomes to this project: (1) the approval and installation of high-water gauges on the Patapsco river, and (2) the collection and presentation of data associated with flooding in a known floodplain area facing potential development. Community Engineering Corps will support these projects through advisory and guidance prior to the implementation of these measures.

Timeline: There is no set timeline, but considering the prospective development in the floodplain, the project is time-sensitive, and Community Engineering Corps is looking to move forward as quickly as possible.

Contact: CECinfo@ewb-usa.org