# **Visualize Your Water Challenge**

# Submission Form

\*Students must have a teacher sponsor their submission. Home school students may have a guardian sponsor their submission

#Not applicable for home school students

**Link to visualization: http://arcg.is/20VhfyZ**

**Project description** (no longer than 5 pages, Times New Roman, size 12, single spaced. See Getting Started Guide for further guidance)**:**

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Visualize Your Water Project Description

For my visualization I chose to address Nitrogen and Phosphorus Nutrient Pollution. Nutrient pollution is a big problem because it can cause algal blooms and dead zones that are very dangerous to the Chesapeake Bay. I was able to select the data sources of my project by finding data and images that were engaging and relevant to the topic of pollution in the Chesapeake. I also used the given links to research my topic and figure out what data sources I needed in order to do this challenge. I analyzed the data by finding trends in graphs, maps, and articles. I was able to make the conclusion that the Chesapeake Bay was not in good condition due to Nutrient Pollution, and something needed to be done.

For my StoryMap, I am trying to tell the sad story of the Chesapeake Bay. I want to inform people about the nutrient pollution in the Chesapeake Bay and how we can help solve this problem. My StoryMap is able to tell the story of nutrient pollution in an innovative way because it is interactive and engaging (interesting pictures, videos, charts, etc.). In order to make my story even more interesting, I hyperlinked pictures, websites, zoomed into maps, and even added a little table of contents (so you can jump to a specific section of the StoryMap).

Nutrient pollution is not only a problem in the Chesapeake Bay, it also affects my local community, city, and region (Potomac Watershed). In both the town of Poolesville, and the Potomac Watershed in general, there are a lot of rivers that flow into the Chesapeake Bay. The water quality of the Chesapeake Bay needs to be healthy so the other major rivers are not hurt as well. Also, people need clean water in order to be healthy. With my StoryMap I am hoping to reach out to mainly students and young adults; I hope that my Storymap will be able to spread awareness about nutrient pollution and spark a change in the way people live.

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