

CT Envirothon 20-21 Current Issue References

Summary of the links provided for teams to use when gathering background information as they address the current issue scenario.

- 1- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Ground-Water/Understanding-Ground-Water/The-Hydrologic-Cycle>
This link reviews the process by which water is transformed and transported over and under the earth's surface.
- 2- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Ground-Water/Understanding-Ground-Water/Aquifers>
This link discusses the term aquifer and on the various geologic formations that supply groundwater to residents of CT
- 3- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Ground-Water/Understanding-Ground-Water/Wells>
Use this link to understand how wells contribute to clean water for CT residents
- 4- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Ground-Water/Understanding-Ground-Water/Groundwater-Contamination>
This link introduces the concept that contaminated groundwater can go undetected for a long time and contamination can come from numerous sources.
- 5- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Ground-Water/Understanding-Ground-Water/Management>
This link discusses ways that private and public entities can protect groundwater from becoming contaminated.
- 6- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Ground-Water/Understanding-Ground-Water/What-we-can-all-do-to-reduce-groundwater-pollution>
Use this link to understand the facts and fiction about groundwater and how it can be protected.
- 7- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Ground-Water/Understanding-Ground-Water/Glossary>
The link reviews the terms that are used to describe the processes involved in the formation, use and protection of groundwater supplies.
- 8- <https://portal.ct.gov/DEEP/Aquifer-Protection-and-Groundwater/Aquifer-Protection/Aquifer-Protection-Program>
Use this link to connect to a **6 minute video** about aquifers and learn about the state's Aquifer Protection Program
- 9- <https://www.learner.org/series/earth-revealed/21-groundwater/>
This 26 minute video from the Annenberg Earth Revealed Series covers aquifers, rock porosity and permeability, artesian wells, the water table, cave formation, sinkholes, and how groundwater can become contaminated. It is a good overview of the geology that helps produce groundwater supplies.