

## Scholarship Research Paper Instructions

Submit a research paper with a minimum of 700 words describing **50 years of Clean Water Act and its impact on US Water Quality.**

The goal of this requirement is for applicants to **learn** more about how they can protect our environment through research and then demonstrate what they learned through the paper they write. Applicants should strive to select one or two related topics and present their information to a reasonable depth of understanding rather than referencing many different topics with little depth. Paper topics may include but are not limited to the following:

- Green infrastructure (Pros and Cons)
- Storm water Inflow and groundwater Infiltration (I&I) into sanitary sewers
- Evaluate a treatment process
- Solve a problem facing wastewater treatment plants
- Describe a possible change to current processes for efficiency
- Wastewater effluent reuse options

Applicants are expected to do research on their topic and present their information in an organized format including an introduction, section titles and a conclusion. All information that is learned or used from a source must have that source cited in the very paragraph it is included. All references should also be listed on a separate page at the end of the paper, including the page number from which the information was obtained. All internet sources must include the complete, exact website address and the date retrieved.

**Completed essays are to be submitted electronically by April 21, 2023, to** Jennie Celik at Jennie.Celik@hdrinc.com. Essays are to be submitted in a Microsoft Word compatible format, Times New Roman, 12-point font, and double spaced. In the review process, all essays will be electronically submitted to a plagiarism checking software to verify content integrity.

Complete Scholarship Applications found on the NESOWEA.org website are to be submitted at the same time as the Research Paper in a separate Email attachment.

<https://www.viethconsulting.com/members/form.php?orgcode=OWEA&fid=4648167>

An unrelated example paper is provided for clarification and suggested organization, citation and referencing.

[https://www.ohiowea.org/docs/2021\\_Scholarship\\_Sample\\_Research\\_Paper.pdf](https://www.ohiowea.org/docs/2021_Scholarship_Sample_Research_Paper.pdf)

Scholarship awardees and those receiving Honorable Mentions will be recognized at the NESOWEA Annual Business Meeting Lunch in May. Any questions can be directed to Jennie Celik at Jennie.Celik@hdrinc.com.

**NORTHEAST SECTION  
OHIO WATER ENVIRONMENT ASSOCIATION  
SCHOLARSHIP INFORMATION**

The Northeast Section of the Ohio Water Environment Association may award scholarships each year to be used for college education or trade school expenses. The first-place scholarship is \$2500 and Honorable Mention scholarships can be in amounts up to \$1000. Both amounts may be increased each year based on the quality of the scholarship submission and the scholarship funds available at that time as authorized by the NESOWEA Executive Committee. High school seniors, current college students, and current Northeast Section OWEA members are eligible. The scholarship shall be used for the following academic year. Depending on available scholarship funds and the quality of the scholarship submissions, the Executive Committee may give multiple Honorable Mention scholarships.

The following criteria shall be used to evaluate the applications for scholarship:

1. A weighted grading system shall be used to evaluate applications. Applicants must submit a research paper according to the attached instructions. The research papers will be graded. Higher scores will get more points in the evaluation process.
2. If the applicant or the parent or legal guardian of the applicant is a member of the Northeast Section for the past three years and have a current membership status, more points will be awarded.
3. The applicant must be a high school senior or older.
4. An applicant may be pursuing any major. However, those studying in the environmental field will receive more points for this item in the evaluation process.
5. The application asks for information regarding work experience, extracurricular activities, and goals. Applicants with strong involvement in community service and school activities and/or significant work experience will receive more points.
6. Once a student receives a 1<sup>st</sup> Place Scholarship, they are ineligible for any additional NESOWEA scholarships. Scholarship applicants receiving Honorable Mentions scholarships are encouraged to apply for subsequent year scholarships.

A member may download an application from the NESOWEA.org website or obtain one by contacting an officer on the NESOWEA Executive Committee.

The current NESOWEA President shall choose a scholarship committee consisting of at least three members. This committee shall be responsible to review and evaluate the applications submitted for the scholarship for that year.

All applications must be completed and submitted the current NESOWEA President by the date previously indicated. If there are no qualified applicants, the scholarships will not be awarded that year. The scholarship check will be presented to each winner upon proof of tuition receipt the following fall. If the scholarship winner fails to show proof of tuition receipt, the scholarship will be rescinded.