



## WATER ENVIRONMENT SCIENCE RESEARCH SCHOLARSHIPS



### **Objective:**

To increase awareness in water environment careers and encourage local high school students involvement in water environment science research through participation in science fairs.

### **Water Environment Overview:**

- The Water Environment Federation estimates that over the next 20 years, up to \$1 trillion must be spent nationally to upgrade facilities and infrastructures to meet new U.S. water quality standards.
- An estimated 90,000 dedicated men and women work in the water environment industry. Labor demographics threaten a significant drop in employees as an aging population leaves the workforce during the next decade.
- As the population increases and technology advances, the demand for water environment professionals and the scope of careers they work in expands.
- Water has become one of the most important issues of our time as nations struggle to share and manage scarce water resources. Even in the United States, increasing water demands, security, and contamination issues make water quality a high priority.
- Opportunity, competitive salaries, stability, and the chance to make a difference are all available with a water environment career.

### **Target Audience:**

High school students and science teachers in Clackamas County.

### **Award(s):**

Two (2) grants will be awarded in the amount of \$500 each. Applicants may be an individual student or a small team (not to exceed 5 students). Signature of teacher acknowledging project will be required.

### **Eligibility:**

- Student(s) must be enrolled in a public or private high school in Clackamas County.
- Student must be enrolled or plan to enroll by the award date in a science fair taking place during the 2005-2006 academic school year. Recommended websites:  
[www.stockholmjuniorwaterprize.org](http://www.stockholmjuniorwaterprize.org), [www.nwse.org](http://www.nwse.org), [www.wef.org](http://www.wef.org), [www.sciserv.org](http://www.sciserv.org),  
<http://www.swrp.org/home.html> and [www.youthexploringscience.org](http://www.youthexploringscience.org).

### **Project Scope:**

The grant is open to projects aimed at improving water quality through water resources management, surface water protection, wastewater treatment, erosion control, and salmon recovery efforts. Examples of areas of study that may lead to improvements in water quality may include, but not limited to:

- Study of plant life
- Waterborne pathogens
- Study of nature and composition
- Study of pollution
- Biology of microorganisms

Any questions about research study qualifications should be directed to the Community Relations Specialist at (503) 353-4561 or email [hildaste@co.clackamas.or.us](mailto:hildaste@co.clackamas.or.us).

### **How to apply:**

- Complete the application page included with this packet.
- Submit a copy of this research plan (copies of science fair applications are acceptable). This should include question being addressed, hypothesis/problem goals, and description of method or procedures.
- Submit a detailed budget for the project. Grant money may be used to purchase research supplies, presentation materials, registration fees to science fairs, and transportation.
- Complete an Individual Release Form. Each individual participating, including the teacher must complete this form.

### **Application review process:**

Staff from Water Environment Services and advisory committee members will review applications. Applicants will be informed of funding decisions within 6-8 weeks. At this time, applicants will be invited to a Board of Commissioners meeting to accept the award. Check will be made payable to the school.

### **Deadline:**

There is no deadline for the application. Awards are based on project and availability of funding.

Mail or deliver paperwork to:

Attn: Hilda Stevens, *MBA*  
Community Relations Specialist  
Water Environment Services  
A Department of Clackamas County  
9101 SE Sunnybrook Blvd., Suite 441  
Clackamas, OR 97015

Applications may be faxed to the attention of Hilda Stevens at (503) 353-4565.



**WATER ENVIRONMENT SCIENCE  
RESEARCH GRANT APPLICATION**



**Number of students participating (not to exceed 5):** \_\_\_\_\_

**Name of student(s):**

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_

**Name of teacher:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Address:** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**School:** \_\_\_\_\_ **District:** \_\_\_\_\_

**Science fair registered to attend:** \_\_\_\_\_

**Date and location of science fair:** \_\_\_\_\_

**Project title:** \_\_\_\_\_

**Estimated cost of research project:** \_\_\_\_\_

**Briefly describe your need for these funds:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Briefly describe your project:** \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**Checklist of items to submit:**

- Water Environment Services application (this page) with proper signatures
- Detail budget
- Project research plan
- Individual release forms (parent or guardian signature required if under 18)

**Teacher Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_



**INDIVIDUAL RELEASE**

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I hereby give Clackamas County permission to disclose my photograph for public relations activities, including but not limited to press releases, newsletters, calendars, ads, web pages, brochures, and any public information media. I understand that my participation in county events may also be filmed and broadcasted on cable television.

In participating in this program, I hereby acknowledge that I understand that there are risks of accidents that may result in bodily harm to me arising out of this activity. I hereby waive all claims, which I might have against Clackamas County, Clackamas County Service District #1, or any of its officers, agents or employees. If I am a parent or guardian of children, I sign this waiver on their behalf as well as my own.

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Printed Name

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Signature

Dated

(or)

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\*Parent/Guardian Signature

Dated

\*Required if under 18 years old.