

# Risk Assessment Form (3)

Must be completed before experimentation; recommended for all projects. May be required for projects involving Human Participants, Hazardous Chemicals, Materials or Devices or Potentially Hazardous Biological Agents.

Student's Name(s) \_\_\_\_\_

Title of Project What are the effects of wildfire air pollution on freshwater and marine ecosystems?

**To be completed by the Student Researcher(s) in collaboration with Designated Supervisor/Qualified Scientist:** (All questions must be answered; additional page(s) may be attached.)

1. Identify and assess the risks and hazards involved in this project. *Supervisor was present at all times when using flame.*  
*Fire and smoke are used, so apron, goggles, a face mask, and fire protective gloves were worn. Fire extinguisher was nearby.*

a) List all hazardous chemicals, activities or devices to be used; b) identify and list all microorganisms to be used that are exempt from pre-approval (see Potentially Hazardous Biological Agent rules).

*Fire starters, lighter*

Describe the safety precautions and procedures that will be used to reduce the risks.

*Wear face mask and goggles to prevent smoke from coming in contact with face. Apron and fire safe gloves worn to protect from flames. Smoke exposure will be done outside to prevent inhalation.*

Describe the disposal procedures that will be used (when applicable).

*Fire starters only burn for a short time, then remains will be gathered and recycled (Recycle Scene). Fire extinguisher will be used if necessary to fully put out the fire.*

List the source(s) of safety information.

*<https://recyclescene.com>*

**to be completed and signed by the Designated Supervisor (or Qualified Scientist, when applicable):** I agree with the risk assessment and safety precautions and procedures described above. I certify that I have reviewed the Research Plan/Project Summary and the International Rules, including the science fair ethics statement and will provide direct supervision.

Joyce Stark  
Designated Supervisor's Printed Name

Joyce Stark  
Signature

02/11/24  
Date of Review (mm/dd/yy)

M.S. Biology  
Experience/Training as relates to the student's area of research

Science Teacher - Sunnyside HS

Joyce Stark @ Sunnyside Schools, org