

# CWSF 2014 - Windsor, Ontario



## Eduard Brenninkmeijer

### Flood Water Purification at Home

**Challenge:** Health

**Category:** Junior

**Region:** Bay Area

**City:** Oakville, ON

**School:** Oakville Christian School

**Abstract:** The purpose of this experiment, "Flood Water Purification at Home," is to create drinkable water from flood water using a homemade water purification system made from simple house hold items. To prove this method meets WHO drinking-water quality guidelines, eight parameters were tested at multiple steps of the procedure. Results proved the purpose was achieved.

#### Biography

My name is Eduard Brenninkmeijer. I am 13 years old attending grade 8 at Oakville Christian School! I love to play hockey and football and have won many medals. I am an alter server at my church and like to be involved in many clubs. I like to juggle and also walk on stilts. I have 3 brothers and this is my second Canada Wide Science Fair. I got the inspiration to do my project because of 2 big floods last year; Toronto and Calgary. These made me want to see if i could help people have a better chance of survival in floods by water purification at home. I hope to be a doctor as I grow older, and I am looking forward to another great year!

#### Awards

#### Value

Excellence Award - Junior - Bronze Medal Sponsor: Nuclear Waste Management Organization	\$100
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 100