

# CWSF 2018 - Ottawa, Ontario



## Kayli Taylor

### Hydroseeding: Plant regrowth help for logging blocks where wood chips are used

**Challenge:** Environment

**Category:** Junior

**Region:** Northern British Columbia

**City:** Montney, BC

**School:** Upper Pine Elem-Jr Secondary

**Abstract:** Past projects were base on water erosion prevention. Last year a recurring question led to this year's project testing. Testing this year was to see if plant regrowth is possible with wood chips, as chips proved beneficial for water erosion, and if hydro seeding might assist the regrowth in an area where wood chips were used for water erosion prevention.

#### Biography

I am in grade 8 student at Upper Pine School . I am involved in the Silver Willow 4-H club in dog and market lamb projects. I live on a farm with 12 horses and 2 mini mules and a lot more animals. I enjoy riding horses, quads and doing activities outside such as camping, fishing , hunting, trapping, boating and gardening. Some of the thing I like plating are herbs, berries and veggies. I started this project in grade four when I got curious about all the water erosion that was happening around our area and decided to test different ways prevent water erosion. Last year I had a recurring question about my project "Would there be plant regrowth through wood chips?" which lead to this year's project.

#### Awards

#### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000