



Northeast Minnesota Envirothon

In Area III of Minnesota's Soil & Water Conservation Districts

TO: High School Teachers

FROM: Becca Reiss, Area III Envirothon Coordinator

DATE: February 1st, 2019

RE: 2019 ENVIROTHON REGISTRATION MATERIALS

Greetings teachers and potential Envirothon teams!

The 2019 Area II Envirothon will be held at the Cloquet Forestry Center on **Monday, May 6, 2019**.

What is Envirothon? The Area III Envirothon is an environmental competition for high school teams to challenge their environmental knowledge and problem-solving skills. Five learning stations are presented by natural resource professionals in the fields of water, wildlife, forestry, soils, and a current environmental issue. In addition, students will come prepared to make a 10-minute oral presentation at a sixth station.

Enclosed you will find a registration form, fuel stipend form, and medical/photo liability release form. A resource packet containing more information about the event, as well as this year's scenario and study resources, will be sent separately.

REGISTRATION FORMS ARE DUE WEDNESDAY, MARCH 20TH

Please send all registration forms by post or email to:

North St. Louis Soil & Water Conservation District

c/o Becca Reiss

307 First St. S, Suite 114

Virginia, MN 55792

email: becca@nslswcd.org

Participating teams must have 5 members.

The oral presentation station is the only station held inside, so students need to dress warmly! The current events topic this year is: *Agriculture and the Environment: Knowledge and Technology to Feed the World*. Teams prepare a 10-minute presentation based on the scenario before the event and give their presentation to three judges. Students may use up to three visual aids or props for the presentation (PowerPoint presentations are not allowed). The other stations (water quality, soils, forestry, wildlife, and current events) will be outside and led by two natural resources professionals from the area. The leaders will talk briefly about their field of study before distributing the tests for that station. These professionals will be happy to talk to any students about their educational and career paths.

Students will receive a T-shirt but ***must bring their own lunches!***

Please contact me with any questions! We hope to receive your registrations soon!!!

Sincerely,

Becca Reiss

Northeast Minnesota Area III Envirothon

2019 Registration Form

Please TYPE one form for **EACH** team participating.

Team Members:

1. _____
2. _____
3. _____
4. _____
5. _____

Teacher/Advisor:

Alternates (list 2)

1. _____
2. _____

School Name _____

Address _____

City, State, Zip _____

Teacher's Phone _____ Ext. _____

Teacher's Email _____

Teacher's Fax _____

Principal's Name _____

Special Needs (i.e. handicap accessibility, etc.)

T-Shirt Size

Sizes: S, M, L, XL, XXL

Team Members:

1. _____
2. _____
3. _____
4. _____
5. _____

Alt. 1 _____

Alt. 2 _____

Teacher/Advisor:

Please indicate the T-shirt size for each student and advisor. Shirts will be handed out at registration.

Please mail or email completed registration form(s) by **March 20th** to:

Becca Reiss

North St. Louis Soil & Water Conservation District

307 First St. S, Suite 114, Virginia, MN 55792

Forms can be emailed to: becca@nslswcd.org

You may also enter registration information at <https://www.surveymonkey.com/r/KNDCRTE>

A copy of the Fuel Stipend Form and Liability Release must be received by U.S. mail or by email.

Area III Envirothon

2019 Fuel Stipend Form

The Area III Envirothon Committee can reimburse schools for transportation expenses to the Area III Envirothon, held on Monday, May 6th, 2019 at the Cloquet Forestry Center.

Reimbursements will be allotted based on mileage from the school to the Envirothon site (round-trip) as follows:

0 - 50 miles	\$40
51 - 99 miles	\$60
100+ miles	\$80

_____ School will be attending the Area III Envirothon on May 6th, 2019. Approximate mileage will be _____, which would constitute a fuel stipend of _____.

The Area III Envirothon Committee will make a check payable to:

School Name _____

School Address _____

School City, State, Zip _____

The check should be mailed to the attention of _____

**If there any problems/questions,
please contact Becca Reiss at**

becca@nslswcd.org

(218) 471-7288

North St. Louis SWCD

307 First St S., Suite 114

Virginia, MN 55792

**THIS FORM MUST BE SUBMITTED WITH TEAM REGISTRATION
FORMS.**

**LIABILITY RELEASE AND MEDICAL AUTHORIZATION
FOR ENVIRONMENTAL EDUCATION PROGRAMS**

At Cloquet Forestry Center

As parent or guardian of the child named below, I give my permission for my child to attend the programs at the Cloquet Forestry Center. I give permission for the Cloquet Forestry Center or organization named below to provide transportation to my child for emergency or educational reasons. In the event of an emergency I authorize the administration of basic first aid. I also authorize appropriate treatment by emergency medical personnel.

By signing this release I agree that if my child is injured in any way while participating in activities at the Cloquet Forestry Center, I voluntarily release the Cloquet Forestry Center, the school or organization named below, Minnesota Soil and Water Conservation Districts in Area III and all Area III Envirothon event sponsors, as well as all of their personnel, staff and directors, from any and all liability for the injuries.

I understand and agree that this release applies to not only me but also my estate, heirs and assigns. In the event some other person or entity seeks compensation for these released liabilities, my estate or I will indemnify and hold harmless the Cloquet Forestry Center, the Minnesota Soil and Water Conservation Districts located in Area III and all Area III Envirothon event sponsors, and the school or organization named below.

I understand that activities may include but are not limited to the following: hiking or walking on uneven ground, exposure to dangerous weather and other natural conditions, and walking on docks or boardwalks over open water. I am aware that participants may be injured while participating in these and other activities.

I have determined that my child is fully medically capable of participating in the activities at the Cloquet Forestry Center.

I understand that photographs or video footage may or may not be taken of my child while at the Cloquet Forestry Center. I give my permission for the Cloquet Forestry Center and the Area III Envirothon event sponsors to use photographs or video for promotional purposes, including brochures or promotional video.

I have read this release; I understand it; and I fully agree to all of its terms.

Name of school or organization visiting the Cloquet Forestry Center:_____

Student's name (print):_____ Age:_____

Signature of parent or guardian:_____ Date:_____

Name of parent or guardian (print):_____

Phone (daytime):_____

Parent or guardian address:_____

City:_____ Zip:_____

SCAN & EMAIL to Becca Reiss, Area III Envirothon, at becca@nslswcd.org

OR

**MAIL to Becca Reiss, North St. Louis SWCD, 307 First St. S, Suite 114, Virginia, MN 55792
no later than April 19, 2019**

Area III Envirothon T-shirt Design Contest

Attention all Area III Envirothon Students!

Since 2019 is the 25th year of the Envirothon in Area 3, we are planning to do a special t-shirt design!

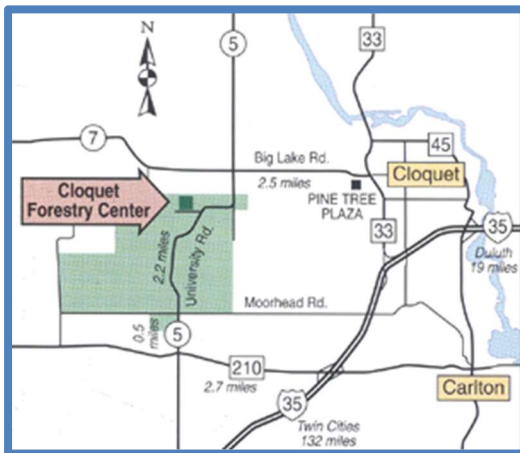
Students are encouraged to use their creativity to submit a design for consideration. Submissions should be sent to becca@nslswcd.org by Wednesday, **March 20th, 2019**. If a student design is chosen, they will receive special recognition at the 2019 Area III Envirothon award ceremony.

The design would ideally represent the spirit of the Envirothon and be able to be printed in one color. Get creative!

Area III Envirothon 2019
Date: Monday, May 6, 2019
Time: 9:00 a.m. – 1:40 p.m.

Where is the Cloquet Forestry Center?

The Center is located approximately 3 miles west of Interstate 35 on Highway 210 off of the Carlton Exit, and then north 2.7 miles on University Road.



Questions?

Becca Reiss

218-471-7288

Becca@nslswcd.org

North St. Louis SWCD

307 1st St. S., Suite 114

Virginia, MN 55792

www.nslswcd.org



Challenges on the Environmental Topics of:

- Soils
- Forestry
- Aquatic Habitat
- Wildlife
- Current Environmental Issue:
*Agriculture and the
Environment- Knowledge &
Technology to Feed the World*
- An oral presentation



2018 State Envirothon 1st place winners
from Hopkins High School

COME JOIN THE FUN!

The Minnesota Association of Soil and
Water Conservation Districts
in Area III present the

25th ANNUAL AREA III ENVIROTHON™



*A hands-on outdoor learning
event for high school students.*



What Is the Area III Envirothon?

The Area III Envirothon is an environmental competition for high school teams to **challenge** their environmental knowledge and **problem solving** skills. Five learning stations are presented by natural resource professionals in the fields of **water**, **wildlife**, **forestry**, **soils**, and a **current environmental issue**.

The contest takes place in an **outdoor** setting. Teams are composed of 5 students. At each station, teams listen to a short presentation and students must then answer 20 questions specific to that station.

In addition, students will come prepared to make a 10-minute **oral presentation** on the current event issue at the sixth station.

The **top teams**, depending on the number of registered teams, will proceed to the **State Envirothon** competition, which will be held on Monday, May 20th, 2019 at Oliver Kelly Farm in Elk River, Minnesota.

For more information:
<https://www.maswcd.org/envirothon.htm>

Where and When?

Location:

Cloquet Forestry Center
175 University Road
Cloquet, MN 55720

Date: Monday, May 6, 2019

Time: 9:00 a.m. – 1:40 p.m.

Who Can Participate?

Teams of 5 students, grades 9-12, from high schools, home schools, or organizations (4-H, Boy/Girl Scouts, etc.) in the counties of Aitkin, Carlton, Cook, Kanabec, Lake, Mille Lacs, Pine, and St. Louis

Each team needs an adult chaperone present.

How to register?

Registration packets will be sent out over the winter of 2018-2019 along with resources to prepare for the event. Registrations will be due by mid-March.

Team Responsibilities:

- * Lunch
- * Transportation to and from the event (Area III Envirothon will reimburse schools for fuel as a set amount based on mileage).
- * Students need to **dress appropriately for the weather**. Except in cases of severe weather, the event is held outside.

Why Participate?

Students learn about Minnesota's natural resources, collaborate with fellow team members, and discover career options in natural resource management.

What is an SWCD?

Soil and Water Conservation Districts (SWCDs) are local government units that manage and direct natural resource programs at the local level.

Learn more at www.maswcd.org

Area III Envirothon SWCDs

Aitkin SWCD- www.aitkincountyswcd.org

Carlton SWCD- www.carltonswcd.org

Cook SWCD- www.co.cook.mn.us/soil-and-water

Kanabec County SWCD-

<http://www.kanabecswcd.org>

Lake SWCD-http://www.co.lake.mn.us/departments/soil_and_water_conservation_district

Mille Lacs County SWCD- www.millelacsswcd.org

North St. Louis SWCD- www.nslswcd.org

Pine County SWCD- www.pineswcd.com

South St. Louis SWCD- www.southstlouisswcd.org



North America's largest high school environmental education competition



Local natural resource professionals facilitate 5 hands-on learning stations:

Aquatic/Wetlands



Aquatic habitat, hydrologic cycle, water quality, wetlands, and more.

Forestry



Forest management and silviculture, tree identification, and more.

Soils



Soil classes, properties and profiles, erosion potential, and more.

Wildlife



Adaptation, species identification, survival needs, and more.

Current Issue*



*New topic each year—2019 Topic:
MN Agriculture and the Environment:
Knowledge & Technology to Feed the World

Competitions

Teams of 5 students compete by taking exams and giving an oral presentation.

Local

Late April - early May:

High school students compete each year at 8 regional Envirothon's.

For more info, contact your local Soil and Water Conservation District:
www.maswcd.org
Click 'SWCDs On the Web'

State

Third Monday in May:

Top 3 teams in each regional competition advance to the State Envirothon, May 20, 2019, at Oliver Kelley Farm, Elk River, MN <http://www.maswcd.org/envirothon.htm>

National

Typically July or August

The national Envirothon will be held July 28–August 2nd, at North Carolina State University, Raleigh, NC
For more information about the national Envirothon, please refer to their website.
www.envirothon.org



Minnesota Association of Soil and Water Conservation Districts (MASWCD) is a 501(c)(3) non-profit corporation, representing the Soil and Water Conservation Districts of Minnesota. Donations to MASWCD are tax-deductible.

Bottom Line

Participating students learn about Minnesota's natural resources, collaborate with fellow team members, and discover career options in natural resource management.



MINNESOTA STATE ENVIROTHON

The Envirothon is an environmental education program for high school students. It combines classroom learning with outdoor activities. Through the Envirothon, students develop an understanding of effective teamwork, as well as learning about Minnesota's natural resources. They also gain valuable exposure to a range of disciplines while exploring possible career paths.

This exposure to nature from a critical perspective, and its inter-relationship with human impacts on the natural world, provide invaluable lessons, and develops an understanding of ecosystems and our environment. The Envirothon also teaches students about Minnesota's public policy, and the roles of government and landowners in managing Minnesota's resources.

Regional area competitions are hosted and managed by local **Soil and Water Conservation District (SWCD)** staff members. The SWCDs partner with conservation organizations, educators, and other natural resource agencies to assist with the regional events.

These natural resource professionals develop the exams, and administer them the day of the competition. Students are exposed to various approaches to environmental concerns, while also receiving the opportunity to learn more about environmental career opportunities and responsibilities.

Combining in-class curriculum with hands-on field experiences

Students are tested on their knowledge in five topic areas:

Aquatics
Forestry
Soils
Wildlife
Current Environmental Issue

Each team is also required to give a 10-minute oral presentation. The oral presentation challenges teams to work together and communicate their solution to a complex environmental issue in front of a panel of judges.

Before competing at the State Envirothon, teams must first compete in a regional Area Envirothon. The top 3 teams from each Area advance to the Minnesota State Envirothon.

Past sponsors of the Minnesota Envirothon have included: MASWCD; the Pentair Foundation; CHS; MACDE; Minnesota Corn Growers Association; Great River Energy; MN Trappers Association; Land O'Lakes; Soil & Water Conservation Society; Otter Tail Power Company; MN Erosion Control Association; Smithfield Foods, Inc. Armour-Eckrich Meats, LLC; and various SWCD's throughout the state.

*For more information about the
Envirothon, or for sponsorship
opportunities contact:*

Judy Johnston, MN Envirothon Coordinator
Stevens County SWCD
12 Highway 28 E, Suite 2 | Morris, MN 56267
Phone: (320) 589-4886 ext. 114
judy.johnston@stevenswcd.org



Hopkins High School from the Metro Area competed at the NCF Envirothon in Pocatello, Idaho in July 2018.