PROJECT SUMMARY SHEET

Project Title:	**North Dakota Envirothon**		
Project Sponsor:	Sheyenne James RC&D Council, Inc.	**State Contact:**	Greg Sandness
	110 Winter Show Road,	**Phone:**	701.328.5232
Address:	Valley City, ND 58072	**Fax:**	701.328.5200
Phone:	701-845-3114, Ext. 3	**E-mail:**	gsandnes@state.nd.us
E-mail:	Karen.olstad@nd.nacdnet.net	**Watershed:**	Statewide
Website:	www.ndenvirothon.org	HYDROLOGIC UNIT CODE:	N/A

HIGH PRIORITY WATERSHED: N/A

TMDL --Under Development _____Pending _____ Implementation _____

PROJECT TYPES		WATERBODY TYPES		NPS CATEGORY	
	STAFFING & SUPPORT		GROUNDWATER		AGRICULTURE
	WATERSHED		LAKES/RESERVOIRS		URBAN RUNOFF
X	I&E		STREAMS		CONSTRUCTION
	OTHER		WETLANDS		RESOURCE EXTRACTION
			OTHER		STOWAGE/LAND DISPOSAL
					HYDRO MODIFICATION
					OTHER

PROJECT LOCATION: LATITUDE MIN. N/A LONGITUDE MIN. N/A

SUMMARIZATION OF MAJOR GOALS:

The goal of the North Dakota Envirothon project is to strengthen participants' problem solving skills by providing an opportunity for students in grades 9-12 to gain knowledge using science-based information. They are then able to make wise decisions concerning water and its relationship to other natural resources.

PROJECT DESCRIPTION:

The North Dakota Envirothon is a hands-on problem-solving natural resource competition for high school students. Teams are generally associated with a sponsoring school, and usually train the entire school year with their advisor or "coach" in preparation for the annual state-wide competition. Study resources in the fields of soils, aquatics, wildlife, prairie (forestry and rangeland) and a current environmental issue are assembled by natural resource professionals and provided to the teams. In late spring, each team has the option to select five members and one alternate to compete at the North Dakota State Envirothon Competition.

FY2015 Section 319 Funding Request	$	133,000
Match (Cash)	$	39,200
Match (In-kind)	$	93,000
Total project cost	$	265,200

1.0 PROJECT PROPOSAL SUMMARY SHEET

1.1 See cover sheet.

2.0 STATEMENT OF NEED

The ND Department of Health ND Nonpoint Source Pollution Management Program Plan: 2010-2015 states:

> *Delivery of a balanced information and education (I/E) program throughout the state is a critical component of the NPS Pollution Management Program. While watershed projects are effective at abating known sources and causes of NPS pollution, the state and local I/E projects are the primary means for raising an awareness of NPS pollution issues in the state as well as gaining increased participation in NPS pollution management efforts. Although the size and target audience of the educational projects may vary, cumulatively, the state and local I/E projects form the delivery network for the NPS Program's statewide educational program.*

The North Dakota Envirothon is an ongoing effort to strengthen high school student's understanding of solutions for restoring water quality by building on other existing programs targeted to younger students such as TREES and Project Wet (targeted to elementary aged students) and Statewide EcoEd provided to 6th through 8th graders.

The goals of the North Dakota Envirothon Program are:

- To promote a desire to learn more about the natural environment and equip students with the knowledge and skills needed to apply the basic principles and practices of resource management, ecology and complex environmental issues.

- To promote stewardship of natural resources and to encourage the development of critical thinking, cooperative problem-solving and decision-making skills required to achieve and maintain a natural balance between the quality of life and the quality of the environment.

- To provide students with experience in environmentally-oriented activities, enabling them to become environmentally-aware, action-oriented citizens.

These goals align with the ND Department of Health's goal of increasing awareness of the challenges to water quality. In fact, students participating in the North Dakota Envirothon are uniquely prepared to address these challenges in meaningful, effective ways.

2.1 The North Dakota Envirothon is guided by the mission and goals of the National Envirothon Program which is sponsored by the National Conservation Foundation. Here is some history on the Envirothon Program in the USA. In 1979 the Pennsylvania Soil and Water Conservation Districts created an "Environmental Olympics" as a way to encourage high school students to become interested in

natural resource conservation and environmental issues. The program quickly gained popularity and grew to over 40 Districts by 1987 and stimulated interest in neighboring states. In 1988 the program became known as the Envirothon. That same year teams from Pennsylvania, Ohio and Massachusetts competed in the first "National Envirothon" and in 1992 a Canadian team participated for the first time, and later became the "NCF-Envirothon." In 2014 the Envirothon program moved to the National Conservation Foundation, which will provide leadership for a new vision including aiming for a global program by 2030.

The mission of the NCF-Envirothon is to develop knowledgeable skilled and dedicated citizens who have an understanding of natural resources and are willing and prepared to work towards achieving and maintaining a balance between the quality of life and the quality of the environment.
The Envirothon mission is accomplished by developing in young people an understanding of the principles and practices of natural resource management and how ecology works then applying those practices and principles while dealing with complex resource management decisions.

The North Dakota Envirothon serves as a "feeder" program for the National Envirothon Program; as the winners of the State competition go on to compete at the National Competition.

2.2 The North Dakota Envirothon has had annual competitions since 2000. Over the 15-year time period, 243 teams or 1,215 students have competed. The project currently involves a regional competition in the northwestern part of North Dakota (Mouse River Loop) and 65 local programs make use of the educational material provided by North Dakota Envirothon. Appendix A illustrates the broad reach of North Dakota Envirothon as an extra-curricular activity across the state. In addition, teachers are using Envirothon teaching materials in their classrooms so this makes it impossible to even estimate the number of students who have benefited from the program. We do know that 40 past participants in the North Dakota Envirothon have gone on to environmental science careers. Please see Appendix B for the time and event schedule of the most recent North Dakota Envirothon Competition.

A set of resource materials for each discipline is developed annually and distributed to educators and teams via the North Dakota Envirothon Website **ndenvirothon.org.** Please visit **ndenvirothon.org** for a complete listing of the current resource materials.

More important than environmental careers is the fact that these students have all been taught about the importance of water quality in their daily lives. The students are now scattered across the country where they are able to utilize their knowledge in their communities. Everything they have learned at Envirothon – from the principles of water quality to the communication skills necessary to lead their communities – can be applied. It is necessary that this education continue to assure a more knowledgeable public.

3.0 PROJECT DESCRIPTION

The goals of the North Dakota Envirothon Program are:

- To promote a desire to learn more about the natural environment and equip students with the knowledge and skills needed to apply the basic principles and practices of resource management, ecology and complex environmental issues.

- To promote stewardship of natural resources and to encourage the development of critical thinking, cooperative problem-solving and decision-making skills required to achieve and maintain a natural balance between the quality of life and the quality of the environment.

- To provide students with experience in environmentally-oriented activities, enabling them to become environmentally-aware, action-oriented citizens.

3.1 Project Objectives:

Objective 1: Develop, maintain, promote and grow the North Dakota Envirothon program.
Contract with a coordinator to develop, promote and implement the North Dakota Envirothon Program. Coordinator will be secured as a contracted services provider to Sheyenne James RC&D Council. Coordinator will be responsible for all office supplies, office space, postage, in-state travel expenses, and related self-employment taxes. Activities will include distribution of study materials to participating schools, traveling to locations to promote North Dakota Envirothon, soliciting donations and volunteer participation to support the program, coordinating and serving as a member of the North Dakota Envirothon Committee, maintaining the official North Dakota Envirothon website, and other duties as required to result in a successful North Dakota Envirothon program.

1.1	Task:	Secure coordinator contract, receive performance updates.
	Product:	Coordinator contract secured, duties performed.
	Cost:	$35,000 annually; $105,000 for three years. (See Coordinator Expense Summary attached)
	Milestone:	July 1, 2015 through June 30, 2018
1.2	Task:	Increase participation in the ND Envirothon by two schools or programs per year.
	Product:	Increased participation in North Dakota Envirothon program by two schools or regional programs per year for three years (Total= Six)
	Cost:	Included in Coordinator contract (Product 1.1); $0.
	Milestone:	June 30, 2016 June 30, 2017 June 30, 2018
1.3	Task	Complete grant application processes for local and state organizations and companies to provide local cash/in-kind contributions to support the ND Envirothon on a yearly basis.

	Product	$10,000 to $15,000 Local Support through cash donations received by ND Envirothon
	Cost:	Included in Coordinator contract (Product 1.1); $0.
	Milestone:	June 30, 2016 June 30, 2017 June 30, 2018
1.4	Task:	Create and maintain ndenvirothon.org website.
	Product:	Creation and maintenance of user-friendly North Dakota Envirothon website (www.ndenvirothon.org). Website creates a unique identity for North Dakota Envirothon, acknowledges the invaluable contributions of program supporters, provides information about the program and competition to encourage participation at all levels (students, teachers, coaches, professionals, volunteers).
	Cost:	$300 annually; $900 for three years.
	Milestone:	Ongoing.
1.5	Task:	Financial records maintained, reports submitted as required.
	Product:	Contract with bookkeeper to maintain financial records of North Dakota Envirothon and submit required reports.
	Cost:	$2,400 annually, $7,200 for three years.
	Milestone:	Ongoing, annually, quarterly.

Objective 2: Stimulate interest in natural resources that will result in a life-long desire to make wise decisions and strengthen complex problem-solving skills particularly regarding water quality and pollution control. Connect students and educators with current and former natural resource professionals to create a tangible connection between classroom study of natural resources and real-life professionals and personal situations. Provide current information on natural resource management to youth in grades 9-12.

2.1	Task:	Study materials updated and distributed.
	Product:	Coordinator and North Dakota Envirothon Committee technical teams assemble resource study materials to provide to teams. Updated study materials distributed to participating schools.
	Cost:	$700 annually, $2,100 total cost for three years, to assemble resources and provide to participating schools, to print trail tests, and to provide current issue packets to teams at competition.
	Milestone:	October 2015 October 2016 October 2017

2.2	Task:	Scholarships provided.
	Product:	Provide a $500 college scholarship to each member of the ND Envirothon winning team.
	Cost:	$2,500 annually, $7,500 total for three years, to provide college scholarships to winning teams (dollars distributed on a cost-reimbursement basis.)
	Milestone:	May 2016 May 2017 May 2018
2.3	Task:	Volunteers work with teams.
	Product:	Members of the North Dakota Envirothon Committee and associated technical groups volunteer to work one-on-one with teams throughout the school year as requested. A wide variety of professionals volunteer their time to work as teachers, facilitators, trail guides, and judges at State and regional competitions.
	Cost:	$31,000 annually, $93,000 total for three years is provided through in-kind donations of time and mileage in support of this objective.
	Milestone:	Ongoing
2.4	Task:	Trail tests and current issue revealed at annual competition.
	Product:	North Dakota Envirothon Committee technical teams create trail test and current issue questions that offer a hands-on test of the student's understanding of natural resources and ability to problem-solve at the State Competition.
	Cost:	In-kind donations included in cost of Product 2.3.
	Milestone:	May 2016 May 2017 May 2018
2.5	Task:	Annual coach's workshop.
	Product:	Host one coach's workshop per year to distribute and discuss resource materials, and connect educators to natural resource professionals.
	Cost:	In-kind donations included in cost of Product 2.3.
	Milestone:	May 2016 May 2017 May 2018

Objective 3: Host annual North Dakota State Envirothon Competition. Grow the state competition to maximum camp capacity. Host up to 25 five-member teams and associated coaches and volunteers including sleep and study rooms, mess hall and meals, outdoor space for trail tests, and recreation facilities for a 3-day event every May. Support the winning team to attend the National Envirothon Competition.

3.1	Task:	Annual ND State Envirothon Competition.
	Product:	Host an annual North Dakota State Envirothon Competition. Costs include site, meals, t-shirts, awards, timing devices, signage, etc.
	Cost:	$14,500 in 2016, $15,500* in 2017, $16,500* in 2018; $46,500 total. *Price increase reflects increased number of teams participating as a result of Product 3.3, and anticipated inflation.
	Milestone:	2016, 2017, 2018
3.2	Task:	Winning ND team receives financial support.
	Product:	Provide support to winning North Dakota Envirothon team to attend the Annual National Envirothon Competition.
	Cost:	$1,000 each year for three years to pay the registration fee for the National Envirothon Competition; $3,000 total.
	Milestone:	2016, 2017, 2018
3.3	Task:	Number of teams participating in State competition increased.
	Product:	Increase the number of schools sending teams to the State Competition to 25.
	Cost:	Included in cost of hosting annual completion, Product 3.1.
	Milestone:	2018
3.4	Task:	New regional competition established.
	Product:	Increase the number of Regional Envirothon Competitions (currently there is one- the Mouse River Loop Regional competition every fall) to two.
	Cost:	Included in Coordinator contract (Objective 1, Product 1.1); $0.
	Milestone:	2018

3.2 See attached Milestone Table. (Appendix C)

4.0 COORDINATION PLAN

The North Dakota Envirothon is a project of the Sheyenne James Resource Conservation & Development Council, Inc. and is advised by the North Dakota Envirothon Committee.

4.1 The Sheyenne James Resource Conservation & Development Council, Inc. ("Sheyenne James RC&D Council") was organized to accelerate the conservation, development, and utilization of natural resources exclusively for charitable, educational, and scientific purposes, under section 501(c)(3) of the Internal Revenue Code. The mission of the Sheyenne James RC&D Council is to provide assistance to local leadership resulting in a desirable quality of life for area residents and envisions a productive area in harmony with the environment, supporting the quality of life desired by the area residents. The council is made up of members from Wells, Foster, Griggs, Barnes, Stutsman, Logan, McIntosh, LaMoure, and Dickey Counties.

4.2 The Sheyenne James RC&D Council contracts with the North Dakota Envirothon Coordinator and has formed the North Dakota Envirothon Committee (NDEC), whose core objectives are:

1. Develop, maintain, promote and grow the North Dakota Envirothon program;
2. Connect student and educators with current and former natural resource professionals to create a tangible connection between classroom study of natural resources and real-life professional and personal situations; and
3. Host annual North Dakota State Envirothon Competition.

The NDEC is also working towards establishing the program to be a stand-alone fiscal entity, as the Sheyenne James RC&D Council currently is the fiscal agent.

The NDEC is made up of fourteen (14) members:

- Two members who are experts in, working in, or retired from, a field of Soil Science;
- Two members who are experts in, working in, or retired from, a field of Aquatic Science;
- Two members who are experts in, working in, or retired from, a field of Wildlife Science;
- Two members who are experts in, working in, or retired from, a field of Forestry or Rangeland Science;
- Two members representing ND Soil Conservation Districts;
- One member who is also the North Dakota Envirothon Coordinator;
- One member representing the Sheyenne James RC&D Council, Inc.;
- Two members representing environmental advocacy, conservation, education or citizen groups.

From among the members, officers are elected to serve:

- One Chairperson, who shall be responsible for developing meeting agendas in cooperation with the North Dakota Envirothon Coordinator, announcing meetings, maintaining the NDEC membership list and contact information, and ensuring that all Technical Committee deliverables are on time, appropriate and consistent;
- One Secretary, who shall keep the official minutes of the NDEC, maintain records of attendance at all meetings, and safeguard all documents;

- One Treasurer, who, in cooperation and subject to the direction of the Sheyenne James RC&D Council as Fiscal Agent, will receive and disburse funds, maintain current account balances, and report regularly to the NDEC on financial matters;
- One Soils Coordinator, who shall be responsible for coordinating the Soils Technical Committee which will be made up of professionals in the field, will provide appropriate resources and study material to Teams, and develop the Soils Trail Test;
- One Aquatics Coordinator, who shall be responsible for coordinating the Aquatics Technical Committee which will be made up of professionals in the field, will provide appropriate resources and study material to teams, and develop the Aquatics Trail Test;
- One Wildlife Coordinator, who shall be responsible for coordinating the Wildlife Technical Committee which will be made up of professionals in the field, will provide appropriate resources and study material to teams, and develop the Wildlife Trail Test;
- One Prairie (Forestry & Rangeland) Coordinator, who shall be responsible for coordinating the Prairie Technical Committee which will be made up of professionals in the fields, will provide appropriate resources and study material to teams, and develop the Prairie Trail test; and
- One Current Issue Coordinator, who shall be responsible for assembling a Technical Committee appropriate to the Current Issue who will provide appropriate resources and study material to teams, and develop the Current Issue Presentation and Current Issue Competition Question.

4.3 A diverse group of organizations have provided, and continue to provide, technical and financial support for the North Dakota Envirothon. These organizations include:

North Dakota Game and Fish Department
North Dakota Department of Health
NDSU Extension
USDA- NRCS
North Dakota State Water Commission
North Dakota Forest Service
North Dakota Association of Soil Conservation Districts
US Fish &Wildlife Service
US Forest Service
American General Contractors
Barnes County Soil Conservation District
Barnes County Wildlife Federation
Cass County Soil Conservation District

CHS Foundation
K2S Engineering
Kinder Morgan
Stutsman Soil Conservation District

5.0 EVALUATION AND MONITORING PLAN

The ND Envirothon Competition is the tool we use to evaluate what the participant has learned throughout the year. The participant is given the educational material in the beginning of the school year and is tested on those materials at the ND Envirothon Competition which is in the spring of their school year. We test the participants using a trail based format for Water Quality, Forestry, Soils, Wildlife and the Current Issue. We have a trail for Water Quality and Soils and a trail for Forestry and Wildlife and integrate the current issue into all four disciplines. Each team of participants will take both trail tests in a timed environment. The trail tests are corrected by the ND Envirothon Committee members who are experts in their respective disciplines.

Two mechanisms are used to evaluate and monitor the program. The general evaluation is a one page form which covers the different components of the competition to further improve the program. The students, volunteers, guests and agency representatives complete this survey.

The second evaluation is completed by the team advisor/coaches. This survey is more detailed and provides the advisors an opportunity to give feedback and recommendations to the North Dakota Envirothon Committee to improve the program.

The comments from these evaluations are reviewed by the NDEC, which then makes improvements for the next competition. In addition, the technical committees meet regularly throughout the year to review, revise and update the resource materials to better enhance the North Dakota Envirothon learning process.

Sample evaluations are included in Appendix D.

6.0 BUDGET

6.1 See attached tables. (Appendices E and F)

7.0 PUBLIC INVOLVEMENT

Public involvement is an essential component of the North Dakota Envirothon Program. One of the core objectives of the North Dakota Envirothon Committee is to connect students and educators with current and former natural resource professionals to create a tangible connection between classroom study of natural resources and real-life professional and personal situations. Over 40 volunteers from across the

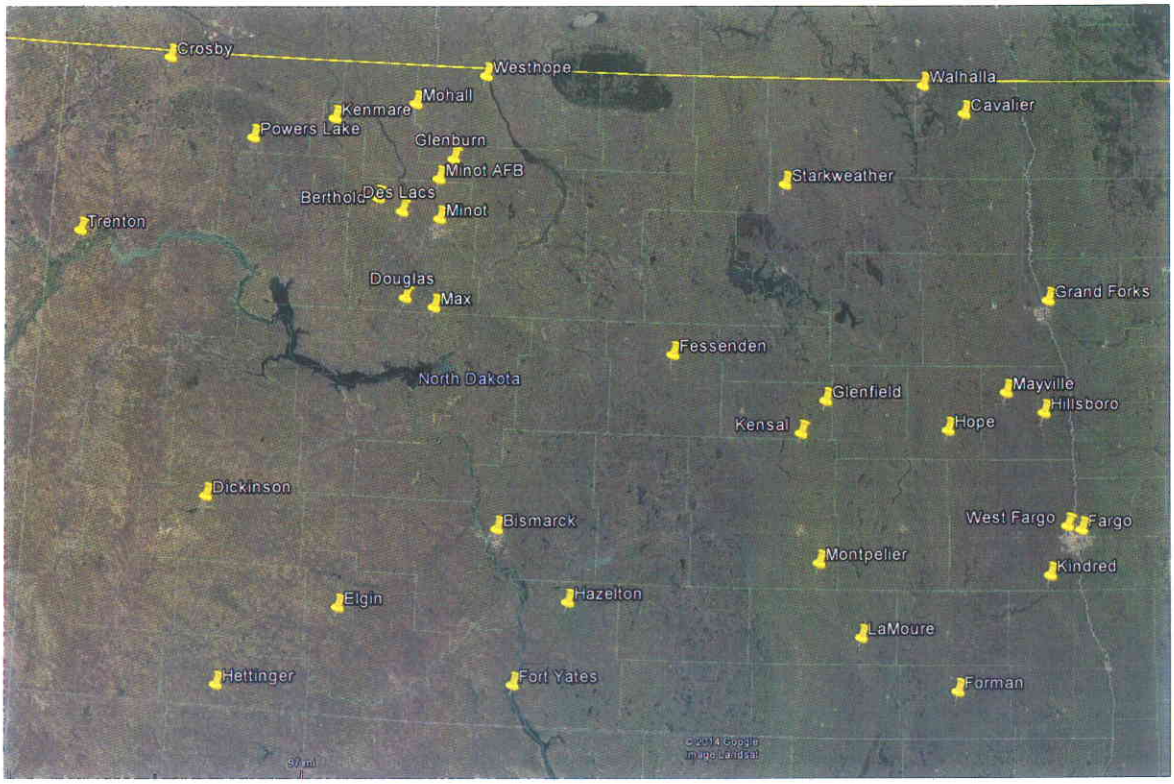
state- natural resource professionals and laypersons, come together to facilitate the annual state competition and serve as trail guides, timers, and judges.

North Dakota's Soil Conservation Districts (SCDs) work with the teams by providing materials, financial and technical support. Barnes, Stutsman, and Cass County Soil Conservation Districts have financially supported this program since its inception.

The North Dakota Envirothon encourages the public, sponsors, parents, and guests to attend the State Envirothon Competition. News articles, magazine articles, brochures and scheduled meetings share the Envirothon story.

Appendix A- North Dakota Envirothon Programs

North Dakota Envirothon Programs



Updated 7/1/14

Appendix B- 2014 North Dakota Envirothon Competition Schedule

Wednesday May 7	
6:00 p.m.	Registration
6:30 p.m.	Evening Meal
7:00 p.m.	Spoons, Socialize
	Trail Guide Orientation
10:30 p.m.	Adjourn to Assigned Dorms
Thursday May 8	
7:30 a.m.	Breakfast
8:00 a.m.	Welcome, trail guide team assignments
9:00 a.m.	Advisors Workshop - Wildlife
9:00 a.m.	Trail Tests
	Forestry/Wildlife Trail - Teams 1-10
	Aquatics/Soils Trail - Teams 11-19
10:00 a.m.	Snack
10:30 a.m.	Advisors Workshop - Forestry/Prairie
11:20 a.m.	First Trail Test ends.
12:00 p.m.	Noon Lunch
1:00 p.m.	Trail Tests
	Forestry/Wildlife Trail – Teams 11-19
	Aquatics/Soils Trail – Teams 1-10
3:20 p.m.	Second Trail Test ends.
1:00 p.m.	Advisors Workshop - Soils
2:30 p.m.	Advisors Workshop - Aquatics
3:30 p.m.	Snack
4:00 p.m.	2014 Current Issue Presentation
4:00 p.m.	Advisors take Soil/Aquatics trail test
5:00 p.m.	Teams relax until evening meal
6:00 p.m.	Evening Meal
7:00 p.m.	Oral Presentation Preparation Briefing
8:00 p.m.	Karaoke/ Basket Ball-etc.
11:00 p.m.	Adjourn to dorms
Friday May 9	Wear Envirothon T-Shirts!
7:30 a.m.	Breakfast
7:50 a.m.	Announcements
8:00 a.m.	Advisors review teams trail tests
	Teams Oral Presentation Question
8:15 a.m.	Teams Oral Prep in Assigned Rooms
9:00 a.m.	Advisors Workshop – 2015 Current Issue
10:30 a.m.	Oral Prep Teams 15-14-11-17
11:00 a.m.	First Round Oral Presentations
11:00 a.m.	Oral Prep Teams 1-8-12-16
11:30 a.m.	Second Round Oral Presentations
12:00 p.m.	Noon Lunch
12:15 p.m.	Oral Prep Teams 2-6-7-13
12:45 p.m.	Third Round Oral Presentations
12:45 p.m.	Oral Prep Teams 3-5-9-4
1:15 p.m.	Fourth Round Oral Presentations
1:15 p.m.	Oral Prep Teams 10-18-19
1:45 p.m.	Fifth Round Oral Presentations
2:30 p.m.	Snack
	Announcement of top three teams
3:00 p.m.	Team A Final Presentation
3:30 p.m.	Team B Final Presentation
4:00 p.m.	Team C Final Presentation
4:30 p.m.	Award Ceremony

Appendix D

ND ENVIROTHON TEAM MILESTONE TABLE

Task	Output	Quantity (3 year project period)	Year 1	Year 2	Year 3
Objective 1 Develop, maintain, promote & grow ND Envirothon Program. Contract w/ a Coordinator & maintain website.					
Task 1.1 - Secure coordinator contract, receive performance updates.	Coordinator contracted duties performed	1			
Task 1.2 - Increase participation in the ND Envirothon by two schools or programs per year	Increase participation by 2 schools or regional program/year for 3 years.	6			
Task 1.3 - Complete grant application processes for local & state organizations & companies to provide local cash/in-kind contributions to support the ND Envirothon Program on a yearly basis.	$10,000 to $15,000				
Task 1.4 - Create & maintain ndenvirothon.org website.	website	1			
Task 1.5 - Financial records maintained, reports submitted as required. Monitoring and Evaluation:	reimbursement, annual & quarterly reports	3 annual reports			
Objective 2 Stimulate interest in natural resources that will result in a life-long desire to make wise decisions & strengthen complex problem-solving skills particularly regarding water quality & pollution control. Connect students & educators with current & former natural resource Professionals to create a tangible connection between classroom study of natural resources and real-life professionals & personal situations. Provide current information on natural resource management to youth in grades 9-12.					
Task 2.1 - Study materials updated & distributed	assembly and distribute education materials, trail tests, current issue information to teams.	15			
Task 2.2 - Scholarships Provided.	Provide $500 college scholarships to each member of the ND Envirothon winning teams.				

Task 2.3 - Volunteers work with teams	ND Envirothon Committee & technical teams work with teams throughout the year & at the competitions		[redacted]
Task 2.4 - Trail tests & current issue revealed at annual competition.	ND Envirothon Committee technical teams create trail tests & current issue questions that offer hands on tests to students at the state competition		[redacted]
Task 2.5 - Annual Coach's Workshop	Host 1 coach's workshop/year to distribute & discuss resource materials & connect educators to natural resource professionals.	3	[redacted]
Objective 3: Host annual ND State Envirothon Competitions. Grow the state competition to maximize camp capacity. Host up to 25 five-member teams & associated coaches & volunteers including sleep & study rooms, mess hall & meals, outdoor space for trail tests & recreation facilities for a 3 day event in May. Support the winning team to attend the National Competition.			
Task 3.1 - Annual ND State Envirothon Competition	Host an annual ND State Envirothon Competition	3	[redacted]
Task 3.2 - Winning ND team receives financial support to attend National .	Provide support to winning ND team to attend the Annual National Competition.	$3,000	[redacted]
Task 3.3 - Number of teams participating in state competition increased.	Increase the number of schools sending teams to the state competition to 25.	25	[redacted]
Task 3.4 - New regional competition established.	Increase the number of regional Envirothon competitions to two. Currently there is one competition every fall.	1	[redacted]

Appendix D1- Team Evaluation Form

North Dakota Envirothon
Team Evaluation Form
Crystal Springs Bible Camp
May 7, 8, 9, 2014
Please complete before leaving the competition
Your input is important to us and the continued success of the Envirothon

Check if: ___Student ___Volunteer ___Advisor ___Guest ___Agency Representative ___

Please rate the following using this scale.
5 = Excellent; 4 = Very Good; 3 = Good; 2 = Fair; 1 = Poor

1 2 3 4 5 Registration
Comments:_____

1 2 3 4 5 Guidance on site (did you know when, where and what to do?)
Comments:_____

1 2 3 4 5 Food
Comments:_____

1 2 3 4 5 Lodging
Comments:_____

1 2 3 4 5 Educational Activities
Comments:_____

1 2 3 4 5 Guest Speakers
Comments:_____

1 2 3 4 5 Combined Trail Tests: Forestry/Wildlife Aquatics/Soils
Comments:_____

1 2 3 4 5 Oral Presentations
Comments:_____

1 2 3 4 5 Orals prep and presentation on same day
Comments:_____

Appendix D2- Advisor Evaluation Form

North Dakota Envirothon

North Dakota Envirothon Evaluation 2014
Evaluation for: Advisors

Please complete this questionnaire as candidly and in as much detail as possible. Don't be afraid to be critical. We will use this information to help us to improve the Envirothon for next year.

Name: _____(optional) School:_____

Is this your first year in the Envirothon? Yes_____ No_____

Comments on Activity Saturday morning: _____

_____

Comments on the four individual trail tests:_____

_____

Resource Material

" Do you like the format in which the Envirothon resources are presented? Yes____ No____

Comment: _____

_____

- How did your school/organization utilize the study material?

Class Curriculum _____, Science/Environmental Club _____, Other_____

- Was the available study material received early enough in the school year?_____

- If you could change one thing about the binders, what would it be?_____

_____

- Was the correspondence and information you received, clear and useful to you? _____

_____

1

Please comment on the educational value of the resources and or the program as a whole

- We would like to find out if you think the study material is too easy, too hard, or just right.

Please circle one number for each study area; then put down a phrase that explains your response.

	Easy				Difficult	
Water	1	2	3	4	5	_____
Soil	1	2	3	4	5	_____
Forestry	1	2	3	4	5	_____
Wildlife	1	2	3	4	5	_____
Current Issue	1	2	3	4	5	_____

Field (Trail) Tests

- Which studied subject was the least or poorest represented by the trail questions?

Water_____ Soil_____ Forestry_____ Wildlife_____ Current Issue_____

Recommendations for improvement of the trails are?_____

_____

_____

_____

Which studied subject was the strongest or best represented by the trail questions?

Water _____ Soil_____ Forestry _____ Wildlife _____ Current Issue _____ Why?

_____

_____

2

Oral Presentation:

- Was the Oral Presentation a valuable and a worthwhile exercise? Yes_____No_____
- Were the rules and procedures easily understood? Yes_____No_____

How could we structure for clearer understanding?_____

_____

- Was the preparation area adequate? Yes_____No_____

Improvements needed to make prep area adequate are?_____

_____

- Was the presentation area adequate? Yes_____No_____

Improvements needed to make presentation area adequate are? _____

_____

- If you could change one thing about the Envirothon Orals, what would it be and how would you accomplish the change?_____

_____

General Comments:

- How would you rate the following: (Please circle one)

	Poor		Good		Excellent
Facilities	1	2	3	4	5
Food	1	2	3	4	5
Lodging	1	2	3	4	5
Trail guide/Team buddy	1	2	3	4	5
Volunteers	1	2	3	4	5
Judges	1	2	3	4	5

3

- If you could change one thing about the Envirothon (Over all), what would it be and how would you accomplish the change? _____

_____

_____

_____

- What was your favorite part of the Envirothon program? Why?

_____

_____

_____

- Would you like to be involved in the Envirothon again next year? Yes_____No_____

- Would you recommend the Envirothon program to a friend, other schools or potential volunteer Yes__No__

Who?_____

_____

Other comments _____

_____

_____

Thank you for taking the time to fill out this evaluation. Your comments are essential to a successful Envirothon Program.

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Appendix E- Funding Sources

Part 1: Funding Sources	Year 1	Year 2	Year 3	Total
EPA SECTION 319 FUNDS				
1)FY 2015 Funds (FA)	$44,333	$44,333	$44,334	$133,000
STATE/LOCAL MATCH				
1) Cash	$12,067	$13,067	$14,066	$39,200
2) In Kind (Non-Fed Volunteers)	$31,000	$31,000	$31,000	$93,000
Subtotals	$43,067	$44,067	$45,066	$132,200
TOTAL BUDGET				
	$87,400	**$88,400**	**$89,400**	**$265,200**
OTHER FEDERAL FUNDS				
1) NRCS (TA at competition)	$50,000	$50,000	$50,000	$150,000
TOTAL FEDERAL FUNDS	$50,000	$50,000	$50,000	$150,000
TOTAL PROJECT COST				$415,200

FA: Financial Assistance
TA: Technical Assistance
SCD: Soil Conservation District
NRCS: Natural Resource Conservation Service
FSA: Farm Service Agency
NDDoH: North Dakota Department of Health

1. Cash donations will be received from a variety of local sponsors. Past sponsors have included: ND Forest Service, ND Association of Soil Conservation Districts, American General Contractors, Barnes County Soil Conservation District, Barnes County Wildlife Federation, Cass County Soil Conservation District, CHS Foundation, K2S Engineering, Kinder Morgan, Stutsman Soil Conservation District, ND Game & Fish Department.
2. Non-Federal in-kind include members of the ND Envirothon Committee and associated technical groups volunteer to work on-on-one with teams throughout the school year as well as a variety of professionals volunteer their time to work as teachers, facilitators, trail guides, and judges at the state competitions. This also includes technical teams work on assembling resources, creating trail tests and current issue questions, and effort towards the coach's workshop per year to distribute and discuss resource materials.

Appendix F - Detailed Budget

Part 2: Detailed Budget (Section 319/Non-Federal)						
	Year 1	Year 2	Year 3	Total Costs	Cash and In-kind Match	319 Funds
Objective 1: Develop, maintain, promote and grow the North Dakota Envirothon program.						
Coordinator contract	$35,000	$35,000	$35,000	$105,000	$0	$105,000
Bookkeeper (administrative)	$2,400	$2,400	$2,400	$7,200	$0	$7,200
Website url and builder	$300	$300	$300	$900	$0	$900
Subtotals	$37,700	$37,700	$37,700	$113,100	$0	$113,100
Objective 2: Stimulate interest in natural resources that will result in a life-long desire make wise decisions and strengthen complex problem-solving skills particularly regarding water quality and pollution control.						
Copy and assemble resources	$700	$700	$700	$2,100	$0	$2,100
Privide scholarships to winning team	$2,500	$2,500	$2,500	$7,500	$7,500	$0
Non-Fed natural resource professional time and mileage	$31,000	$31,000	$31,000	$93,000	$93,000	$0
Subtotals	$34,200	$34,200	$34,200	$102,600	$100,500	$2,100
Objective 3: Host annual North Dakota State Envirothon Competition.						
Host State Competition	$14,500	$15,500	$16,500	$46,500	$28,700	$17,800
Registration Fee for NA Envirothon	$1,000	$1,000	$1,000	$3,000	$3,000	$0
Subtotals	$15,500	$16,500	$17,500	$49,500	$31,700	$17,800
Total for all Objectives/Tasks						
Total 319/Non-federal Budget	$87,400	$88,400	$89,400	$265,200	$132,200	$133,000
					49.8%	50.2%

Section 319 Funds per year	$44,333	$44,333	$44,334	$133,000
Total local match per year	$43,067	$44,067	$45,066	$132,200

Five Year Average expenses for coordinator contract:

Phone/Internet/cell	$ 2,450
Travel (Meals, lodging, Air fare, gas)	$ 7,000
Supplies	$ 4,600
Postage	$ 350
Envirothon Ice Breaker Activity Costs	$ 230
Misc. expenses	$ 350
Total Supplies, travel, postage, misc.	$14,980.00
Total dollar amount for coordinator time	$20,020.00
Total contracted amount to coordinator	$35,000.00

(Coordinator travels 12,000 to 13,000/year for Envirothon Business)