

**NORTH DAKOTA PROJECT WET (WATER EDUCATION FOR TEACHERS)  
WATER QUALITY/NON-POINT SOURCE POLLUTION  
EDUCATION PROGRAM FOR TEACHERS AND YOUTH**

NPS Project Implementation Plan

July 1, 2017 – June 30, 2019

Prepared by:

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**1.01 PROJECT SUMMARY SHEET**

**PROJECT TITLE NAME: NORTH DAKOTA PROJECT WET (WATER EDUCATION FOR TEACHERS) WATER QUALITY/NON-POINT SOURCE POLLUTION EDUCATION PROGRAM FOR NORTH DAKOTA TEACHERS AND YOUTH**

**NAME AND ADDRESS, TELEPHONE AND E-MAIL OF LEAD PROJECT SPONSOR/ SUBGRANTEE:**

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**STATE:** North Dakota      **WATERSHED:** Statewide

**HYDROLOGIC UNIT CODE:** NA      **HIGH PRIORITY WATERSHED:**  
 (YES/NO): NO

**TMDL UNDER DEVELOPMENT: PENDING \_\_\_\_\_ IMPLEMENTATION \_\_\_\_\_**

<b><u>PROJECT TYPES</u></b>	<b><u>WATERBODY TYPES</u></b>	<b><u>NPS CATEGORY</u></b>
<input type="checkbox"/> STAFFING & SUPPORT	<input type="checkbox"/> GROUNDWATER	<input type="checkbox"/> AGRICULTURE
<input type="checkbox"/> WATERSHED	<input type="checkbox"/> LAKES/RESERVOIRS	<input type="checkbox"/> URBAN RUNOFF
<input type="checkbox"/> GROUNDWATER	<input type="checkbox"/> RIVERS	<input type="checkbox"/> SILVICULTURE
<input checked="" type="checkbox"/> I&E	<input type="checkbox"/> STREAMS	<input type="checkbox"/> CONSTRUCTION
	<input type="checkbox"/> WETLANDS	<input type="checkbox"/> RESOURCE
	<input type="checkbox"/> OTHER	EXTRACTION
		<input type="checkbox"/> STOWAGE/LAND DISPOSAL
		<input type="checkbox"/> HYDRO
		<input type="checkbox"/> OTHER

**PROJECT: STATEWIDE X LATITUDE \_\_\_\_\_ MIN. \_\_\_\_\_ LONGITUDE \_\_\_\_\_ MIN. \_\_\_\_\_**

**SUMMARIZATION OF MAJOR GOALS:** The following overall goal has been established for the North Dakota Water Education/Project WET water quality/non-point source (NPS) pollution program: To increase the knowledge, understanding and appreciation of our water resources through education of non-point source pollution and its impact on North Dakota water resources while creating stewards that make informed decisions that reduce the number of impact occurrences and identify sustainable solutions to those impacts. The following action sub goals have also been established: 1) Develop and disseminate classroom ready and action oriented water quality and non-point source pollution water science programs statewide, 2) Provide balanced non-point source pollution and water quality resource materials, educational tools,

professional services, and community support for programs that promote water resource science and education; and 3) Promote knowledge and understanding of human and natural environmental impacts within the watersheds of North Dakota through local, regional and statewide education programs and opportunities.

**PROJECT DESCRIPTION:**

North Dakota water education program raises awareness to eliminate NPS pollution and water quality issues throughout the state. Project WET (Water Education for Teachers) is a non-profit interdisciplinary water education program for formal and non-formal educators, adults and young people in grades K-12. Project WET is delivered to schools and communities through extensive published resource materials, training workshops, graduate institutes, organized community water festivals, water events, and a variety of media outlets that promote awareness and understanding of diverse water topics (e.g. watersheds, non-point source pollution, and water quality) locally, nationally and internationally.

Project WET (developed and established in North Dakota in 1984) focuses on developing innovative, interactive, hands on and user friendly water related activities that address current water issues with water quality, non-point source pollution and stewardship of water resources. The curriculum has direct correlation to state and national education standards and creates a link between educators, resource professionals and scientists.

Project WET educational programs, resources and materials facilitate and promote learning, awareness, knowledge, exploration and stewardship of North Dakota water resources. Programs are carried out through the development of both indoor and outdoor experiences in an age appropriate, nonbiased manner that promotes critical thinking and problem solving skills.

Project WET provides a water education portal that is a dynamic Internet based resource with an interactive platform for educators, facilitators and resource personnel to participate in discussion groups and collaboration on water related issues such as water quality, water education and non-point source pollution. In the portal is a searchable index for activities by grade level, topic and subject. Within the activities posted on the portal, educators can download and upload content and find ideas for community based action projects that moves the learner from awareness to empowerment. This allows students, educators, natural resource agencies and communities to find ways to solve local water issues with sustainable solutions.

Project WET has launched DiscoverWater.org. DiscoverWater.org provides free interactive lessons and activities online. This web based program combines student friendly illustrations and animations with interactive, science based lessons about the important roles that clean water plays in our lives. This resource is free to all who want to understand water through a variety of interactive lessons that cover topics such as non-point source water pollution, water quality, the water cycle and more. The web experience is another tool that brings water lessons to life in a way that makes learning fun and encourages today's youth to take action to become tomorrow's responsible stewards of North Dakota's water resources.

**319 funds requested: \$ 175,000; Match \$ 116,666  
Other Federal Funds: \$0. 319 Funded Fulltime personnel: 1.**

**Total Project Cost: \$ 291,666**

## **2.0 STATEMENT OF NEED**

2.1 The North Dakota Department of Health has identified the need to deliver a balance of information and education throughout the state of North Dakota as a critical component of the NPS Pollution Management Program. Project WET water quality and NPS pollution programs serve as integral components in raising awareness and understanding of North Dakota's water resources, the importance of water in our day to day lives, current water issues and providing solutions for restoring water quality and eliminating the impact of NPS pollution on our water resources. Through awareness and understanding, Project WET water quality and NPS pollution programs increase participation, knowledge and appreciation for our water resources - inspiring public support for the development and implementation of NPS pollution management measures and healthy water quality practices.

The following table outlines the programs supported by NPS pollution and how Project WET fits this strategy:

<b>Program</b>	<b>Primary Grade Level</b>	<b>Primary Audience</b>
Project WET	K-12; Adults	Teachers and Students; Adults Statewide
Prairie Waters Education and Research Center	K-12; Adults	Students, Teachers; Adults regionally
Project Trees	K-6	Students and Teachers
Statewide Eco Ed	6-8	Students, Teachers and Chaperones
ND Envirothon	9-12	Students, Teachers/Advisors

Although listed programs are not limited to a specific grade level, a majority of their programming is presented to the grade level(s) noted in the table.

Each program serves a separate audience, yet builds on the previous program creating a delivery network system. By using individual programs as building blocks, NPS pollution educational materials addressing impact and management solutions are being provided to a greater number of citizens over the entire span of their life.

Project WET provides the base of the "pyramid" upon which water quality/NPS pollution education is implemented in North Dakota for the targeted ages. Project WET is a statewide service provider and is the only hands-on water quality/NPS pollution education program that is delivered to schools and communities through extensive published resource materials, training workshops, graduate institutes, organized community water festivals, water events, and a variety of interactive online resources that promote awareness and understanding of diverse water topics (e.g. watersheds, non-point source pollution, and water quality).

North Dakota Project WET water quality and NPS pollution program believes that through the efforts of education and water resource management entities, ND Project WET office, ND Project WET facilitator network, formal and non-formal educators, adults and young people will be provoked to curiosity and appreciation of the importance of water quality/NPS pollution impacts on their water resources. Through provocation, there is knowledge and awareness that inspires positive water use, promotes involvement and fosters action in a variety of water quality/NPS pollution projects in their homes, schools, and communities. This increases the probability of a life-long commitment of stewardship for North Dakota's water resources.

## **Project WET Programs for K-12 Educators, Facilitators and Resource Personnel:**

**Inservice Workshop (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** One or two hour inservice sessions focusing on a particular water topic or theme. (4 per biennium)

**University Preservice Workshop (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** Six-hour workshop offered to college students enrolled in participating North Dakota Universities. Participation can be voluntary or mandatory depending on faculty and program preference. Preservice training is completed by trained university/college faculty or by a Project WET facilitator. (6 per biennium)

**Six-Hour Non Credit Workshop (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** Non credit workshop offered to educators, resource personnel or communities who want to gain an overall understanding of Project WET program and resources. Workshops may be issue specific or thematic. (2 per biennium)

**15-Hour Credit Workshop (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** One graduate credit available through Minot State University, University of North Dakota or North Dakota State University. Credit workshop options currently available include: Project WET, Watershed Manager; Project WET/WOW! Wonders of Wetlands; Project WET/Service Learning; Project WET/Water Festival; Project WET/Healthy Water, Healthy People; Project WET/Missouri River; Project WET/Red River; and Project WET/Conserve Water. Many other options are available using these combinations. (2 per biennium)

**Summer Institutes (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** Project WET offers intensive summer watershed institutes for educators, resource personnel and coordinators (July of each summer). Participants may earn 3 to 4 graduate credits offered through the North Dakota University System. The watershed institutes explore different regions of North Dakota on a rotation and current issue basis. (2 per biennium)

**Collaborative Web Resource (90% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education)** Collaborative effort with other programs, agencies and institutions to develop internet based resources with an interactive platform for educators, facilitators and resource personnel to link resources and participate in discussion groups and collaboration on water related issues such as water quality, water education and non-point source pollution. (on going)

## **Project WET Programs for K-12 Youth:**

**Water Festivals/Celebrations (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** Water festivals/celebrations can be part-day to five day hands-on events to educate youth (targeting grades 3, 4, and 5) about the importance of water in their lives. Most events include hands-on Project WET and other classroom-ready water related activities, demonstrations and exhibits. Major festivals are currently held are in Bismarck, Dickinson, Fargo, Wahpeton, Mandan, Grand Forks, Kathryn (Valley City), Williston, Minot, and Fort Totten (in 2015). (18 per biennium)

**Youth Camps/Youth Events (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** Project WET sponsors participate in youth camps and youth events that promote water science and water resource education. Project WET involvement can be an indoor/outdoor part-day to multi-day program to educate youth about the importance of water. Other organization sponsors can include boy and girl scouts, church-sponsored youth programs, 4-H youth programs, science center, museums, environmental learning centers, zoos, soil conservation district Eco-ed programs, envirothon and state park youth programs. (10 per biennium)

#### **Project WET Programs for all North Dakota Citizens:**

**Family and Community Centered Program (80% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** Project WET participates in many family and community centered events. Often, family and community programs are developed with youth water festivals; community art/craft shows; youth and community exhibitions; community recognition events; local historical events; youth camps; local, county and/or state fairs; and many other events. They can also be developed as a stand alone program to educate the general public about water resource issues. (4 per biennium)

**Water Action/Community Service Learning Projects (90% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** Community action/service learning projects get teachers and students involved in tackling water-related problems or issues, or that aim at improving an environmental setting. Projects can take place at home, in the school, in the community, or on the farm (anywhere in a local watershed). (ongoing)

**Interactive Web-page (90% Directly Related to NPS Pollution/Solutions and Water Quality Education; 100% Directly Related to Water Education):** North Dakota Project WET will maintain on interactive web page allowing public access to water related internet resources, publications, and interactive programs that promote education, understanding and participation in reducing NPS pollution impacts and promoting healthy water quality practices. (ongoing)

**2.2** Project WET targets the following youth groups and those groups or individuals that work with youth:

- K-12 public and private classroom teachers
- Preschool and daycare educators
- Youth organization leaders
- Preservice faculty and students
- Resource agency educators and outreach specialists
- Natural resource program educators
- Local, state and federal park interpreters and rangers
- Home school educators
- Corporate community educators
- Zoo educational staff
- Museum, nature and science center staff
- Community leaders
- General public

North Dakota Project WET program is dedicated to increasing the knowledge, understanding and appreciation of our water resources through education of non-point source pollution and water quality issues and its impact on North Dakota water resources. While creating stewards that are confident in their abilities and make informed decisions, we can reduce the number of impact occurrences and identify sustainable solutions to today's, tomorrow's and yesterday's water issues.

### **3.0 PROJECT DESCRIPTION**

**3.1 Project Goals:** The overall goal of the Project WET water quality/non-point source pollution education program is: To increase K-12 educator, youth and community knowledge, understanding and appreciation of NPS pollution and its impact on North Dakota water resources while creating stewards that make informed decisions and identify sustainable solutions to those impacts. The following action subgoals have also been established.

- 1) To facilitate and promote the learning and exploration of North Dakota's water quality/NPS pollution issues through the development and delivery of indoor and outdoor water quality and non-point source pollution, water science, and water education programs statewide;
- 2) To provide balanced water quality/NPS pollution resource information, and classroom and outdoor ready education tools, services, programs and resource materials needed for teachers and youth to make informed decisions about future North Dakota water quality/NPS pollution management and impact solutions; and
- 3) To promote the wise stewardship of North Dakota's water resources and their interaction with both the human and natural environment within the watersheds of North Dakota through enhancement of water quality/NPS pollution education programs and opportunities.

In order to meet these goals, the Project WET water quality/NPS program provides hands-on and interactive classroom and outdoor-ready NPS pollution/water quality education programs to K-12 formal and non-formal educators, K-12 youth, youth organization leaders, resource agency educators, natural resource program personnel, and community residents through educational materials, resources, and technology. K-12 educator and K-12 youth programs are detailed in the Project Description.

**3.2 Objectives/Tasks:** Specific objectives and underlying tasks for the FY 2016 NPS Pollution Project Implementation Plan (PIP) for the period of July 1, 2017 – June 30, 2019 are defined in this section.

**Objective 1.** Provide Project WET management and support systems to develop and deliver effective NPS pollution/water quality and water education/water science programs (**\$175,000**).

**Task 1.** Employ a project manager and incorporate other non-state employees (Project WET facilitators) to provide necessary management and direction for implementation and delivery of project objectives/tasks. Includes travel/per diem and costs associated with onsite and offsite delivery of project programs for the project manager and non-state employees (25-35 facilitators).

Product: Personnel for ongoing program development, management and implementation of project.

Cost: \$ 161,000

**Task 2.** Maintain cost of support services to project objectives/tasks directed toward targeted teachers and youth (miscellaneous supplies, postage to send educational materials to sites, printing of educational and supporting materials, and equipment, etc.).

Product: Provision of necessary support to augment Project WET NPS pollution/solutions and water quality educational resources, services and materials to teachers and youth.

Cost: \$ 7,000

**Task 3.** Support the cost of service contracts (variable to the project at hand, average contracts 30) with Project WET NPS pollution education providers and consultants.


Product: Mechanisms to promote, access and implement Project WET NPS pollution/water quality educational resources, materials and programs.

Cost: \$ 7,000

## **Objective 2.**


Maintain classroom-ready and STEM (Science, Technology, Engineering, and Mathematics) based teaching aids in support of Project WET educational efforts (**\$23,333**).

**Task 4.** Maintain six Project WET NPS pollution/solutions and water quality educational trunks (description in Appendix).

Product: 12,000 youth interactive participation with use of trunks. 

Cost: \$ 467

**Task 5.** Maintain Project WET water quality and NPS pollution and solutions hands-on curriculum and other NPS pollution/water education materials and resources (Project WET Activity Guides 2.0 supplemental Project WET materials; water quality resource education curriculums and NPS pollution/water quality materials for K-12 formal and non-formal educators and youth).

Product: Easy to use, hands-on, innovative curriculum, interactive web based learning programs, supplemental resources, balanced and interactive NPS pollution and water quality resources and water science education resource materials for 20,000 K-12 formal and non-formal educators and youth. 



Cost: \$ 20,766

**Task 6.** Purchase new and maintain existing indoor/outdoor water quality training and education resources (water quality chemical, biological, physical monitoring resources, hip/boot/chest waders, other appropriate NPS pollution and water quality equipment, materials and resources that enhance NPS pollution/solutions and water quality education).

Product: Methods to educate and monitor NPS pollution/solutions and water quality for all types of real world water resource environments in North Dakota.

Cost: \$ 2,100

**Objective 3.**

Complete water quality/NPS pollution/solutions educational opportunities for 20,000 K-12 formal and non-formal educators, youth and adults to expand their knowledge and understanding of water quality/NPS pollution/solutions resource issues in North Dakota (**\$61,250**).

**Task 7.** Provide and complete varying level non-credit and credit facilitator led Project WET water quality/NPS pollution and solutions educational programs (in-service and pre-service) for 520 formal and non-formal K-12 educators (includes stipend, but does not include travel/per diem costs of non-state employees or Project WET facilitators).


Product: 520 formal and non-formal K-12 educators who gain knowledge, appreciation and understanding of ND water quality/NPS pollution and solutions.

Cost: \$ 9,188

**Task 8.** Provide funds to selected organizations to promote, develop, and complete ten community/area-wide NPS pollution and solutions water quality education festivals for 12,000 youth (Make A Splash with Project WET festivals).

Product: Completion of twenty two community/area-wide, high-profile and balanced educational NPS pollution/solutions water quality education festivals for 35,000 middle and upper elementary youth and their teachers, thereby increasing appreciation, knowledge, understanding and appreciation of ND water quality/NPS pollution and solution issues.

Cost: \$ 6,891

**Task 9.** Provide and complete varying level water quality/NPS pollution and solutions education programs for 10,000 K-12 youth at camps, school water education programs, and other community environmental education events for youth and adults addressing NPS pollution and water quality issues (includes  but does not include travel/per diem of non- state employees – Project WET facilitators). Costs provide funding to only pay trained Project WET facilitators a stipend to help develop and complete these programs. Costs do not include any funding for Project WET Director.

Product: Completion of Project WET water quality/NPS pollution programs for 10,000 K-12 youth at camps, school water education programs, water festivals and other youth/adult NPS pollution and water quality community education events.

Cost: \$ 12,250

**Task 10.** Develop and implement a total of two Discover Today's Watershed Institutes for 30 formal and non-formal K-12 educators with three or four graduate credits for each institute (includes stipend but does not include travel/per diem for non-state employees – Project WET facilitators). Costs provide funding to only pay Project WET facilitators a stipend to help complete these institutes. Costs do not include any funding for Project WET Director.

Product: 30 educators who gain an in-depth knowledge, appreciation and understanding of contemporary North Dakota watershed, water quality and NPS pollution and solutions issues.

Cost: \$ 12,250

**Task 11.** Maintain two statewide water education poster contests for 5,000 grade 6 youth with the theme of "Help Prevent Runoff Pollution."

Product: 5,000 grade 6 students receive an opportunity to develop fine art skills while depicting their understanding of NPS pollution/solutions and water quality issues.

Cost: \$ 3,062

**Objective 4.**

Maintain the Project WET facilitator network of 25-30 formal and non-formal trained educators who help promote and enable Project WET water quality/NPS pollution and solutions educational resources, materials and opportunities to be delivered statewide to teachers and youth (**\$20,417**).

**Task 12.** Maintain Project WET water quality/NPS pollution and solutions trained network of 25-30 formal and non-formal facilitators.

Product: Methods to maintain existing facilitator network of 25-30 active members with educational materials, participation in educational opportunities, networking opportunities.

Cost: \$ 10,413



**Task 13.** Complete one statewide facilitator leadership training workshop for 20 additional K-12 formal and non-formal educators.

Product: 20 additional motivated and trained K-12 formal and non-formal educators to promote and deliver Project WET NPS pollution educational resources, materials and programs across North Dakota.

Cost: \$ 10,005

**Objective 5.**

Provide a method of ongoing monitoring, evaluation, oversight and direction through four Advisory Committee meetings and through evaluation of Project accomplishments, objectives, task outputs and benefits. Current Project WET Advisory Committee members and their representative schools are listed under project Evaluation and Monitoring Plan Roles and Responsibilities Number 1 – Project WET Advisory Committee in the APPENDIX (**\$2,917**).

**Task 14.** Complete four Project WET Advisory Committee meetings to monitor, evaluate, provide oversight and direction for Project WET water quality/NPS pollution programs.

Product: Method to monitor, evaluate and provide direction to Project WET water quality/NPS pollution objectives/tasks through four Project WET Advisory Committee meetings.

Cost: \$ 1,663

**Task 15.** Complete various methods to track and measure (evaluate) Project objectives, task outputs, benefits and accomplishments.

Product: Methods to monitor and evaluate progress toward accomplishment of Project objectives, task outputs and benefits. Specific methods that will be used to track and measure progress and benefits to Project targeted groups is defined in Section 5.1 “Evaluation and Monitoring Plan.”

Cost: \$ 1,254

**Objective 6.**

Develop and implement the use of technology to promote web based resources, materials and innovative interactive programs that facilitate discovery, knowledge, understanding and appreciation of NPS pollution and water quality impacts and encourage K-12 educators, youth and adults to take action in sustainable solutions. (**\$8,750**).

**Task 16.** Develop a web page for ND Project Wet that will improve and increase delivery of resources and materials to K-12 educators, youth and adults.

Product: A dynamic web page linking to interactive learning programs and resources.

Cost: \$ 3,500

**Task 17.** Purchase and maintain technology and equipment to support the delivery of web-based learning of NPS pollution and water quality programs.

Product: Innovative tool that allows K-12 educators, youth and the general public to experience STEM based learning of NPS pollution and water quality issues and solutions.

Cost: \$ 5,250

**MILESTONE TABLE FOR PROJECT WET WATER QUALITY/NPS POLLUTION EDUCATION PROGRAM FOR TEACHERS AND YOUTH**

**July 1, 2017 – June 30, 2019**

<b>PROJECT OBJECTIVE AND TASKS</b>	<b>RESPONSIBLE ORGANIZATIONS</b>	<b>OUTPUT</b>	<b>YEAR 1 - 2 July 1, 2017 June 30, 2019</b>
<b>OBJECTIVE 1: MAINTAIN PROJECT WET MANAGEMENT AND SUPPORT SYSTEMS.</b> <b>Task 1:</b> Employ a Project Director. a. Salary/Fringe b. Travel/Per Diem (includes non-state employees = facilitators)	NDSWC/Project Director	Project staff and project facilitators	Ongoing – July 1, 2017 – June 30, 2019
<b>Task 2:</b> Maintain cost of support services. a. Office Equipment/Supplies b. Postage/Printing c. Miscellaneous Supplies	NDSWC/Project Director	Project support services	Ongoing - July 1, 2017 – June 30, 2019
<b>Task 3:</b> Support the cost of service contracts. a. Statewide Teacher Center b. Chemistry kits/water boots	NDSWC/Project Director; Contractors	Mechanisms to implement project services through contracts	Ongoing – July 1, 2017 - June 30, 2019
<b>OBJECTIVE 2: MAINTAIN CLASSROOM READY TEACHING AIDS.</b> <b>Task 4:</b> Maintain Six Project WET NPS pollution/ water quality trunks/exhibits (EnviroScape).	NDSWC/Project Director	Use and maintenance of project trunk/exhibits	Ongoing – July 1, 2017 – June 30, 2019
<b>Task 5:</b> Maintain Project WET NPS pollution/water quality curriculum/educational materials. a. National Project WET Activity Guides 2.0 b. National Project WET Portal c. National Project WET supplemental water education	NDSWC/Project Director	Purchase and maintenance of Project NPS pollution and water quality educational materials and resources	Ongoing – July 1, 2017 – June 30, 2019

PROJECT OBJECTIVE AND TASKS	RESPONSIBLE ORGANIZATIONS	OUTPUT	YEAR 1 - 2 July 1, 2017 June 30, 2019
<p>materials</p> <p>d. Other water quality/NPS pollution education materials and curriculum.</p>			
<p><b>Task 6:</b> Purchase new and maintain existing indoor/outdoor water quality/NPS pollution education and training resources.</p> <p>a. Repair and restock existing water quality test kits.</p> <p>b. Repair and replace hip boots/chest waders.</p> <p>c. Purchase other NPS Pollution/ water quality education/ training resources.</p>	<p>NDSWC/Project Director; contracted Project WET facilitator</p>	<p>Purchase and maintenance of NPS pollution/ water quality indoor/outdoor materials and resources</p>	<p>Ongoing – July 1, 2017 – June 30, 2019</p>
<p><b>OBJECTIVE 3:</b> COMPLETE EDUCATIONAL OPPORTUNITIES FOR 20,000 K-12 FORMAL AND NON-FORMAL EDUCATORS, YOUTH AND ADULTS.</p> <p><b>Task 7:</b> Provide and complete varying level credit/non-credit educational programs for 520 formal and non-formal K-12 educators.</p> <p>a. 1 hour and variable hour inservice for educators</p> <p>b. 6 hour non/credit preservice workshops for educators</p> <p>c. 15 hour credit workshops involving educators</p>	<p>ND SWC/Project Director and facilitators; other agencies, organizations and individuals</p>	<p>520 knowledgeable educators and students on NPS pollution/solution, water quality resources and water resource issues</p>	<p>Ongoing – July 1, 2017 – June 30, 2019</p>
<p><b>Task 8:</b> Provide funds to selected organizations to develop and complete 22 NPS pollution and water quality festivals (Make a Splash with Project WET) involving 12,000 third, fourth and fifth graders.</p>	<p>NDSWC/Project Director and facilitators; various organizations</p>	<p>Completion of selected NPS pollution/water quality festivals for 12,000 students.</p>	<p>March/April/May 2017 through March/April/May 2019; September/October/November 2017 through September/October/November 2019</p>

PROJECT OBJECTIVE AND TASKS	RESPONSIBLE ORGANIZATIONS	OUTPUT	YEAR 1 - 2 July 1, 2017 June 30, 2019
<p><b>Task 9:</b> Provide and complete varying level NPS/pollution water quality education programs for 10,000 K-12 youth and adults at camps/school programs, other youth water education events and at public water education events.</p> <p><b>Task 10:</b> Develop and implement two Discover Today's Watershed Institutes for 30 formal and non-formal K-12 educators (three or four graduate credits each).</p>	<p>NDSWC/Project Director and facilitators; other involved agencies and organizations</p> <p>NDSWC Project WET Director and facilitators; other involved agencies, individuals and organizations</p>	<p>10,000 knowledgeable K-12 students on NPS pollution and water quality issues</p> <p>In-depth understanding of contemporary ND watershed, NPS pollution and water quality issues and concerns for 30 educators</p>	<p>Ongoing – July 1, 2017 – June 30, 2019</p> <p>Ongoing – July 1, 2017 – June 30, 2019</p>
<p><b>Task 11:</b> Develop and implement two statewide NPS pollution/ water quality education poster contests involving 5,000 grade 6 youth with the theme of "Help Prevent Runoff Pollution."</p>	<p>NDSWC/Project WET Director; KNDC; grade six teachers and youth</p>	<p>5,000 grade 6 students with understanding of NPS pollution/water quality impacts</p>	<p>January/April 2017 – January/April 2019</p>
<p><b>OBJECTIVE 4:</b> MAINTAIN FACILITATOR NETWORK AND RECOGNITION AND INCENTIVE SUPPORT SYSTEM OF 25-30 PROJECT WET FACILITATORS.</p> <p><b>Task 12:</b> Maintain facilitator network of 25-35 educators, and facilitator recognition and incentive programs.</p> <ul style="list-style-type: none"> <li>a. Facilitator recognition and incentive programs</li> <li>b. Attend Project WET promotional meetings/conferences.</li> </ul>	<p>NDSWC/Project Director and facilitators; other involved agencies and organizations</p>	<p>25-35 motivated and trained Project WET facilitators to complete project objectives/tasks; informed K-12 educators and interested persons</p>	<p>Ongoing – July 1, 2017 – June 30, 2019</p>

PROJECT OBJECTIVE AND TASKS	RESPONSIBLE ORGANIZATIONS	OUTPUT	YEAR 1 - 2 July 1, 2017 - June 30, 2019
<p>c. <b>Task 13:</b> Complete two statewide facilitator leadership training courses for an additional 20 K-12 formal and nonformal educators.</p>			
<p><b>OBJECTIVE 5:</b> PROVIDE A METHOD FOR ONGOING MONITORING, EVALUATION, OVERSIGHT AND DIRECTION THROUGH EIGHT PROJECT WET ADVISORY COMMITTEE MEETINGS AND THROUGH EVALUATION OF PROJECT ACCOMPLISHMENTS, OBJECTIVES, TASK OUTPUTS, AND BENEFITS.</p> <p><b>Task 14:</b> Conduct four meetings of Project WET Advisory Committee (see Appendix for current Advisory Committee members).</p>	<p>NDSWC/Project Director and advisory committee members</p>	<p>Method to assess and evaluate project objectives and tasks through four meetings</p>	<p>Periodic as Needed - July 1, 2017 – June 30, 2019</p>
<p><b>Task 15:</b> Complete various methods to track and measure (evaluate) Project objectives, task outputs, benefits and accomplishments (see Section 5.1 for specific methods and Appendix for examples).</p>	<p>NDSWC/Project Director; project facilitators; project program participants; and participating organizations</p>	<p>Methods to track and measure project and objectives tasks through formal evaluation techniques</p>	<p>Periodic as Needed - July 1, 2017 – June 30, 2019</p>
<p><b>OBJECTIVE 6:</b> DEVELOP AND IMPLEMENT THE USE OF TECHNOLOGY TO PROMOTE WEB/STEM BASED RESOURCES, MATERIALS AND INNOVATIVE, INTERACTIVE PROGRAMS THAT FACILITATE DISCOVERY, KNOWLEDGE, UNDERSTANDING AND APPRECIATION OF NPS POLLUTION AND WATER QUALITY IMPACTS AND ENCOURAGE K-12 EDUCATORS, YOUTH AND ADULTS TO TAKE ACTION TOWARDS</p>			



PROJECT OBJECTIVE AND TASKS	RESPONSIBLE ORGANIZATIONS	OUTPUT	YEAR 1 - 2 July 1, 2017 June 30, 2019
<p>SUSTAINABLE SOLUTIONS TO THESE IMPACTS.</p> <p><b>Task 16:</b> Develop and maintain a web page for ND Project Wet water quality/NPS pollution/solutions that will improve and increase delivery of resources and materials to K-12 educators, youth and adults</p>	<p>NDSWC/Project Director and project facilitators</p>	<p>A dynamic web page linking to interactive learning programs and resources.</p>	<p>Ongoing – July 1, 2017 – June 30, 2019</p>
<p><b>Task 17:</b> Purchase and maintain technology and equipment to support dissemination of STEM based learning of NPS pollution, and water quality impacts/solutions.</p>	<p>NDSWC/Project Director and project facilitators</p>	<p>Innovative tool that allows K-12 educators, youth and the general public to experience web based learning of NPS pollution and water quality issues and solutions.</p>	<p>Ongoing – July 1, 2017 – June 30, 2019</p>

- 3.4 North Dakota Project WET, developed and implemented in 1984 by the ND State Water Commission, was the first Project WET program in the United States/world. North Dakota Project WET, through the ND State Water Commission, has a proven history of developing and implementing comprehensive water quality/NPS pollution programs for K-12 youth and adults. Project WET is the only statewide program in North Dakota that produces, uses and delivers hands-on NPS pollution, water quality and impact solution education programs to K-12 educators and youth. **A comprehensive listing of the history of North Dakota Project WET can be found in the Appendix under HISTORY OF NORTH DAKOTA PROJECT WET.**

#### 4.0 COORDINATION PLAN

- 4.1 The North Dakota State Water Commission (NDSWC), 900 East Boulevard Avenue, Bismarck, ND 58505 is the lead sponsor of the North Dakota Project WET NPS Pollution/Water Quality Program. The NDSWC operates in pursuit of three main goals:
- To regulate the use of water resources for the future welfare and prosperity of the people of North Dakota;
  - To develop the use of water resources for the future welfare and prosperity of the people of North Dakota; and
  - To educate the public regarding the nature and occurrence of North Dakota's water resources.
  - To collect, manage, and distribute information to facilitate improved management of North Dakota's water resources.
  - To conduct research into the processes affecting the hydrologic cycle to improve the management of North Dakota's water resources.

The 1983 water management plan public planning process determined that the North Dakota general public, as well as teachers and youth, knew very little about North Dakota's, watersheds or water resource issues. As a result, a general adult and teacher water education program was initiated in 1984. During the period of 1985 through 1989 Project WET was developed and implemented by the NDSWC using North Dakota water education materials and resources. The NDSWC's Project WET North Dakota gained national attention and recognition and soon became a model for other states wanting to develop hands-on water resource education curriculum. In 1989, the NDSWC's Project WET program was pilot tested in Arizona, Idaho and Montana. This successful pilot test was the basis for the development of the National Project WET Program. The NDSWC began a far reaching enhancement and expansion of its Project WET program in 1993 through the Section 319 Nonpoint Source Pollution Program of the Environmental Protection Agency. The NDSWC has a demonstrated and proven record of developing and implementing innovative water and water quality/NPS pollution programs in North Dakota since 1993. Providing Water Education is still a priority in the NDSWC's Strategic Plan.

The NDSWC is the only sponsoring organization for the administration, management and implementation of the Project WET Water Quality/NPS Pollution Program for teachers and youth in North Dakota. There are no other entities, either through formal or informal agreements that sponsor the Project WET program.

Project WET North Dakota is funded partly with a Section 319 EPA Nonpoint Source Pollution Grant administered through the North Dakota Department of Health (NDDH) and sanctioned by the ND Nonpoint Source Task Force (NDNPSTF). A Section 319

NPS Pollution Project Implementation Plan (PIP) is submitted to both the NDDH and the NDNPSTF on a biennial basis. The NDSWC and the NDDH enter into a formal contract on an annual basis which formalizes the pass through of Section 319 NPS Pollution EPA funds and delineates the responsibilities of each organization in the delivery of the Project WET program. North Dakota Project WET is also funded through state general funds, fees charged to educators attending graduate credit programs and non-federal match.

**4.2** Since 1984 North Dakota Project WET has had the support of local water, environmental, and education organizations. The North Dakota Water Resource Districts and North Dakota Water Users Association have been instrumental in providing time, energy, and in certain instances, financial support to Project WET. Since 1993 the ND Water Education Foundation has supported the water education programs of Project WET with collaborative discussions. The local nine teacher learning centers (now completed through the statewide teacher center network) in North Dakota have provided their support of Project WET by helping promote its educational opportunities to K-12 educators statewide. The ND Department of Public Instruction and the ND Educational Standards and Practices Board have provided support through alignment of Project WET credit programs with current K-12 educator continuing education requirements (eg. No Child Left Behind). The institutions of higher education, which provide graduate credit for Project WET workshops and institutes, have also aligned Project WET credit opportunities in the core subject areas to meet K-12 educator certification standards. Teacher education associations and organizations (NDEA, NDSTA, NDGA) have supported Project WET through ongoing invitations for Project WET to provide educational displays and presentations at association/organization meetings. Local school districts have requested Project WET educational opportunities to be presented at their schools. Natural resource agencies (USGS, SCDs, NDPRD, NDSU Extension Service, etc.) have asked Project WET to complete collaborative educational programs. Various other community and/or natural resource organizations have expressed their desire for Project WET to be involved in their environmental education efforts (Dakota Zoo, River Keepers, State Historical Society, Dakota Science Center, Bismarck Public School system, Morton County Soil Conservation District, Gateway to Science, ND Outdoor Learning Centers, Prairie Waters Education and Research Center, Sully's Hill Natural Resources Program, etc.).

**4.3** The ND State Water Commission's Project WET Program has a long history of coordination, cooperation, networking and interfacing with a wide array of local, state and federal water and natural resource related agencies, organizations, associations and programs in North Dakota, and many at the national level. Project WET has also been connected closely with the educational and environmental education community in North Dakota. The success of Project WET has been dependent upon this cooperative spirit. It has long been realized that the State Water Commission's Project WET Program, in carrying out its mission of water quality/NPS Pollution education for K-12 educators and youth, must aggressively pursue coordinated resources, expertise and active participation of a wide array of educational, natural resource and environmental education entities.

**Educational:** Project WET fosters formal and informal communication and networking with a host of educational linkages. An agreement with the statewide ND Teacher Center Network is executed every year. This agreement provides for the promotion of Project WET educational opportunities in local school districts statewide. Project WET

communicates on a regular basis with Minot State University, Dakota College of Bottineau, NDSU and UND continuing education departments regarding course proposals, and cost and credit requirements for each of the institutions. The majority of Project WET formal educator offerings are accredited through these departments in their respective institutions. Project WET networks with the ND Department of Public Instruction and the ND Educational Standards and Practices Board make sure its water education credit offerings meet current ND and national education standards that benefit ND formal K-12 educators. Project WET collaborates with the education departments and promotes water education programs for preservice teachers at two ND colleges and universities. Project WET has built linkages with the ND Education Association, the ND Science Teachers Association, the ND Home Educator's Association, the ND Geographic Alliance, the ND Reading Association, the ND Principals Association, the ND Superintendents Association and the ND Health and Physical Education Association. Promotional displays and educational presentations have been completed at many of these association annual conferences since the late 1980s. Project WET has participated in the annual State Science and Engineering Fair since 1996 by providing awards for the best water quality/NPS Pollution projects in the junior and senior student divisions.

**Water and Natural Resources:** Project WET continues to interface, collaborate and network with the ND water and natural resource community. Project WET involves all of the following agencies or organizations at various times in developing and completing its educational programs for K-12 educators and youth. Included are the ND State Water Commission, the ND Water Resource Districts and Water Users Associations, the ND Water Education Foundation, the ND Soil Conservation Districts Association, the ND Department of Health, the US Geological Survey, the US Bureau of Reclamation, the US Fish and Wildlife Service, the US Natural Resources Conservation Service, the US Army Corps of Engineers, the ND Forest Service, the ND Parks and Recreation Department, the Historical Society of ND, the ND Game and Fish Department and the ND Soil Conservation Districts.

**Business and Industry:** Project WET in North Dakota collaborates and networks with a wide variety of private and public business and industry in the development and implementation of the summer watershed institutes. Through contacts and tours, each summer institute exposes Project WET NPS pollution/water quality goals and programs to energy, irrigation, agricultural processing and other ND industries. The Project WET director meets with the managers and public relations staff of these industries to promote water quality/NPS pollution education for teachers and students. Water quality/NPS pollution and water use in action is a very important educational component of Project WET. Each institute introduces as many as three to seven new industries/businesses to teachers attending the institute.

**Environmental Education:** Project WET continues to collaborate and network with the environmental education organizations in ND. One of the most important is the Coalition for Conservation and Environmental Education (C<sup>2</sup>E<sup>2</sup>). Project WET has been involved with this organization since it was initiated in 1995. All meetings have been attended and Project WET has been involved in helping complete all publications, resources and projects produced or initiated through C<sup>2</sup>E<sup>2</sup>. Project WET routinely collaborates with the coordinators of Project Learning Tree (PLT), and Project Food, Land and People (FLP) and other major natural resource/environmental education programs in ND to support the education of K-12 educators and youth. Project WET continues to collaborate and

network with the ND Outdoor Learning Centers. Project WET has been involved in the non-profit organization Keep North Dakota Clean (KNDC) Project since 1998. Project WET has helped sponsor their statewide environmental youth (grades 1-8) poster contest by sponsoring grade level six which has a NPS pollution/water quality theme. Project WET has jointly coordinated water education programs with the girl and boy scout organizations in North Dakota as well as 4-H youth including youth leaders in all of these organizations. Project WET was involved in the planning and implementation of the Red River and You watershed education program sponsored by the Red River Basin Commission from 2002-2012. Project WET has been involved with the ND Soil Conservation Districts Eco-Ed youth environmental education program since 1996, having presented the water quality/NPS pollution section at over 175 of these events. Project WET has been involved with the planning and implementation of the ND Envirothon since 1999 and serves on its logistics and steering committee and helps develop the water quality/NPS pollution (Aquatics) component of this program. Project WET has attended many of the Project WET USA national conferences since they were initiated in 1995. This involvement has provided an opportunity to network with and learn from the other state Project WET programs and how they implement water quality/NPS pollution water education in their respective states. Project WET was involved in the development of the first Earth Day celebration in Bismarck in 2008 and has been actively involved ever since.

**Project WET Advisory Committee:** The Project WET Advisory Committee has an important role in ongoing monitoring and evaluation of Project WET water quality/NPS pollution education activities. The Project WET Coordinator networks and collaborates with this Committee on an ongoing basis. All Advisory Committee members are Project WET facilitators and are actively involved in ongoing monitoring and evaluation through personal participation in Project WET programming. Monitoring and evaluation through the Advisory Committee is completed through e-mail, mail, the telephone and regular meetings.

Project Wet water quality/NPS pollution programming described in this plan are reviewed by the Advisory Committee. The Advisory Committee can recommend changes in planned programming as a result of their review. The Project director has final overall responsibility in direction of planned programming.

The primary role of the Advisory Committee is to:

- Assist in determination of program and resource needs and the monitoring and evaluation of Project WET and its overall programs, activities and accomplishments;
- Provide consultation and technical assistance in the implementation, maintenance, direction and future of Project WET;
- Assist in coordinating and networking Project WET with the educational and water communities at all levels and with other water related and environmental education providers and programs; and
- Assist in stimulating school, teacher and youth, natural and water resource and public leader interest in Project WET.

Current Project WET Advisory Committee members are:

Dakota College of Bottineau  
Fargo Schools  
Bismarck Schools  
Dickinson Schools

North Dakota Department of Health  
University of North Dakota

- 4.4** Project WET is the only hands-on statewide water science and water quality/NPS pollution education program operating in North Dakota for K-12 formal/non-formal educators, K-12 students, and the general adult population. It is the only statewide water quality/NPS pollution education program that produces and uses comprehensive water quality education curriculum, resource materials and internet resources in all potential settings of K-12 educators and youth. Project will be expanding to include early childhood (pre K- K) students. Project WET is the only statewide water quality education program in ND that directs its entire program to water education. Project WET is involved in and collaborates with all other information/education 319 NPS pollution funded programs in North Dakota as part of the North Dakota Non-point Source Pollution Management Program plan for information and education goal and objectives. Project WET is recognized in the North Dakota Non-point Source Pollution Management Program plan for its unique water quality education program. There are no other similar 319 NPS pollution funded programs in North Dakota. Therefore, there is no duplication or replication of 319 NPS pollution funding.

## **5.0 EVALUATION AND MONITORING PLAN**

- 5.1** The State Water Commission's WET Program utilizes a variety of organizations, which aid in monitoring and evaluating the extent of success in meeting the goals, objectives and tasks as delineated in this plan. These include: 1) the Project WET Advisory Committee; 2) teachers and youth involved in utilizing and/or attending Project WET water quality/NPS initiatives; 3) water related agencies, organizations and/or associations directly and indirectly participating in Project WET water quality/NPS initiatives; 4) schools and higher education institutions sponsoring programs and/or credit; 5) Project WET facilitators; 6) the Project WET Coordinator through the 319 Non-point Source Pollution Project Implementation Plan; and 7) the ND State Water Commission. A description of the roles and responsibilities of these entities can be found in the Appendix "Project Evaluation and Monitoring Plan Roles and Responsibilities." A description of the cumulative successes and accomplishments of the Project can be found in the Appendix as cumulative progress (July 1, 2009 – September 30, 2016).

The following depicts specific methods that will be used to track and measure progress and benefits to targeted groups served by the Project. Described will be specific actions/measures (what, when, where, and how) that will be used to evaluate and monitor progress toward accomplishment of task outputs and objective endpoints. The Project will use questionnaires/surveys and audience feedback to: 1) track the degree to which teachers are satisfied with training received and their planned use of Project resources, materials and training in the classroom; 2) evaluate planned changes in student and teacher understanding of learning; and 3) document participant numbers and satisfaction with the program.

Since the start of the Project WET NPS Pollution/Water Quality Program for Teachers and Youth in 1993, exit surveys have been provided to all educators that have completed a one, two, three and four credit graduate level workshop or institute. These surveys have provided objective information and evaluation on teacher learning obtained from all educational components instructed, the educational quality and usefulness of

materials and resources provided, the quality of the instructors, the quality and usefulness of the methods and techniques of instruction, the overall value of the workshop/institute to their school curriculum standards and grade and subject levels taught and their planned use of materials in their classroom with students. These exit surveys will be continued and results (located in appendix) will be incorporated into the annual report for the NPS Pollution grant.

Additionally, Project WET will begin to have all non-credit six hour program participants complete an exit survey with results also incorporated into the annual report for the NPS Pollution grant.

Some youth programs (water festivals, eco ed programs, environmental festivals, Earth Day, etc.) that the Project WET NPS pollution/water quality program is involved in, but is not the primary organizer, generally complete exit surveys of the various groups involved in the program (ie. teachers, youth, volunteers, presenters, etc.). Of course, for any Project WET NPS Pollution/water quality youth programs that are organized and completed through just Project WET, all participants will be required to complete an exit survey which assess learning and basic understanding of learned program components. These survey results will be incorporated into the annual report for the NPS Pollution grant.

The following exit surveys are (summarized/included) in the Appendix.

- Multiple credit summer watershed institute evaluation (exit survey)
- Water festival presenter evaluation (exit survey)
- Water festival teacher evaluation (exit survey)
- Example of a page from a student water festival evaluation/journal
- Minot State University, North Dakota State University and University of North Dakota exit survey from single and multiple teacher credit programs

**6.0 PART TWO**  
**BUDGET TABLE FOR PROJECT WET WATER QUALITY/NPS POLLUTION EDUCATION PROGRAM**  
**FOR TEACHERS AND YOUTH**  
**July 1, 2015 – June 30, 2017**

PROJECT OBJECTIVES AND TASKS	FEDERAL 319 FUNDS 17-19	MATCHING FUNDS 17-19	TOTAL FUNDS 17-19
<b>OBJECTIVE 1: PROJECT WET MANAGEMENT AND SUPPORT SYSTEMS.</b>	<b>\$105,000</b>	<b>\$70,000</b>	<b>\$175,000</b>
<b>Task 1: Employ a Project Director</b>	<b>96,600</b>	<b>88,867</b>	<b>161,000</b>
a. Salary/Fringe	72,450	48,300	120,750
b. Travel/Per Diem (including non-state employees = facilitators)	24,150	16,100	40,250
	<b>4,200</b>	<b>2,800</b>	<b>7,000</b>
<b>Task 2: Maintain cost of support services.</b>	840	560	1,400
a. Office Equipment/Supplies	2,100	1,400	3,500
b. Postage/Printing	1,260	840	2,100
c. Miscellaneous Supplies	<b>4,200</b>	<b>2,800</b>	<b>7,000</b>
<b>Task 3: Support the cost of service contracts.</b>	2,520	1,680	4,200
a. Statewide Teacher Network	1,680	1,120	2,800
b. Water Quality and non point pollution supporting curriculum and supplies.			



<b>PROJECT OBJECTIVES AND TASKS</b>	<b>FEDERAL 319 FUNDS 17-19</b>	<b>MATCHING FUNDS 17-19</b>	<b>TOTAL FUNDS 17-19</b>
<b>OBJECTIVE 2: MAINTAIN CLASSROOM– READY TEACHING AIDS</b>	<b>\$14,000</b>	<b>\$9,333</b>	<b>\$23,333</b>
<b>Task 4:</b> Maintain Six Project WET Trunks.	<b>280</b>	<b>187</b>	<b>467</b>
<b>Task 5:</b> Maintain Project WET curriculum/educational materials.	<b>12,460</b>	<b>8,306</b>	<b>20,766</b>
a. National Project WET Activity guide	2,866	1,910	4,776
b. National Project WET supplemental water education materials	8,597	5,731	14,328
c. Other water quality/NPS Pollution education materials	997	665	1,662
<b>Task 6:</b> Purchase new and maintain existing indoor/outdoor water quality/ NPS Pollution education and training resources.	<b>1,260</b>	<b>840</b>	<b>2,100</b>
a. Repair and restock existing water quality test kits.	391	260	651
b. Purchase other water quality/NPS pollution education/training resources.	869	580	1,449

<b>PROJECT OBJECTIVES AND TASKS</b>	<b>FEDERAL 319 FUNDS 17-19</b>	<b>MATCHING FUNDS 17-19</b>	<b>TOTAL FUNDS 17-19</b>
<b>OBJECTIVE 3: COMPLETE</b> EDUCATIONAL OPPORTUNITIES FOR 20,000 K-12 FORMAL AND NON- FORMAL EDUCATORS, YOUTH AND ADULTS	<b>\$36,750</b>	<b>\$24,500</b>	<b>\$61,250</b>
<b>Task 7:</b> Provide and complete varying level credit/non-credit educational programs for 520 formal and nonformal educators.	<b>5,513</b>	<b>3,675</b>	<b>9,188</b>
a. 1 hour workshops for educators	1,268	845	2,113
b. 6 hour non-credit preservice workshops for educators	110	74	184
c. 15 hour credit workshops involving educators	4,135	2,756	6,891
<b>Task 8:</b> Provide funds to selected organizations to develop and complete 22 water quality and NPS Pollution festivals (Make A Splash with Project WET) involving 12,000 third, fourth and fifth graders.	<b>14,700</b>	<b>9,800</b>	<b>24,500</b>
<b>Task 9:</b> Provide and complete varying level NPS Pollution and water quality education programs for 10,000 K-12 youth and adults at camps/school programs, other youth water education events and public water education events.	<b>7,350</b>	<b>4,900</b>	<b>12,250</b>

<b>PROJECT OBJECTIVES AND TASKS</b>	<b>FEDERAL 319 FUNDS 17-19</b>	<b>MATCHING FUNDS 17-19</b>	<b>TOTAL FUNDS 17-19</b>
<b>Task 10:</b> Develop and implement two Discover Today's Watershed Institutes for 30 K-12 formal and nonformal educators (three or four graduate credits each).	<b>10,044</b>	<b>4,900</b>	<b>12,250</b>
<b>Task 11:</b> Develop and implement four statewide NPS Pollution/water quality education poster contests involving 5,000 grade 6 youth with theme of "Help Prevent Runoff Pollution."	<b>2,380</b>	<b>1,225</b>	<b>3,062</b>
<b>OBJECTIVE 4: MAINTAIN FACILITATOR NETWORK AND PROMOTIONAL SUPPORT SYSTEM OF 25-30 PROJECT WET FACILITATORS.</b>	<b>\$12,250</b>	<b>\$8,167</b>	<b>\$20,417</b>
<b>Task 12:</b> Maintain facilitator network of 25-30 educators and facilitator recognition and incentive programs.	<b>6,248</b>	<b>4,165</b>	<b>10,413</b>
a. Facilitator recognition and incentive programs.	3,124	2,083	5,207
b. Attend Project WET promotional meetings/conferences.	3,124	2,082	5,206
<b>Task 13:</b> Complete two statewide facilitator leadership training courses for an additional 20 K-12 formal and nonformal educators.	<b>6,003</b>	<b>4,002</b>	<b>10,005</b>

<b>PROJECT OBJECTIVES AND TASKS</b>	<b>FEDERAL 319 FUNDS 17-19</b>	<b>MATCHING FUNDS 17-19</b>	<b>TOTAL FUNDS 17-19</b>
<b>OBJECTIVE 5:</b> PROVIDE A METHOD FOR ONGOING MONITORING, EVALUATION, OVERSIGHT AND DIRECTION THROUGH FOUR PROJECT WET ADVISORY COMMITTEE MEETINGS.	<b>\$1,750</b>	<b>\$1,167</b>	<b>\$2,917</b>
<b>Task 14:</b> Conduct four meetings of Project WET Advisory Committee (see Appendix for current Advisory Committee members).	<b>998</b>	<b>665</b>	<b>1,663</b>
<b>Task 15:</b> Complete various methods to track and measure (evaluate) Project objectives, task outputs, benefits and accomplishments (see Section 5.1 for specific methods and Appendix for examples).	<b>752</b>	<b>502</b>	<b>1,254</b>
<b>OBJECTIVE 6:</b> DEVELOP AND IMPLEMENT THE USE OF TECHNOLOGY TO PROMOTE WEB BASED RESOURCES, MATERIALS AND PROGRAMS FOR K-12 EDUCATORS, YOUTH AND ADULTS.	<b>\$5,250</b>	<b>\$3,500</b>	<b>\$8,750</b>
<b>Task 16:</b> Develop and maintain a web page for ND Project Wet water quality/NPA pollution/solutions that will improve and increase delivery of resources and materials to K-12 educators, youth and adults	<b>2,100</b>	<b>1,400</b>	<b>3,500</b>
<b>Task 17:</b> Purchase and maintain technology and equipment to support dissemination of STEM based learning.	<b>3,150</b>	<b>2,100</b>	<b>5,250</b>

<b>PROJECT OBJECTIVES AND TASKS</b>	<b>FEDERAL 319 FUNDS 17-19</b>	<b>MATCHING FUNDS 17-19</b>	<b>TOTAL FUNDS 17-19</b>
<b>TOTAL FUNDING</b>	<b>\$175,000</b>	<b>\$116,666</b>	<b>\$291,666</b>