

FY-2010 Utah Watershed Coordinating Council Support



By

Jim Bowcutt
Utah Nonpoint Source Program Coordinator
Utah Division of Water Quality

December 5, 2012

EXECUTIVE SUMMARY

PROJECT TITLE: LOCAL WATERSHED COORDINATING COUNCIL

PROJECT START DATE 04/15/2010 PROJECT COMPLETION DATE 10/29/12

FUNDING: TOTAL BUDGET \$50,000

TOTAL EPA GRANT \$30,000

**TOTAL EXPENDITURES
OF EPA FUNDS \$28,867.79**

**TOTAL SECTION 319
MATCH ACCRUED \$79,724.68**

BUDGET REVISIONS None

TOTAL EXPENDITURES \$108,592.47

SUMMARY ACCOMPLISHMENTS:

The Utah Watershed Coordinating Council has been in existence since 2002. Using this grant the Council has been able to continue to provide support to local watershed coordinators and watershed groups. Over the past 3 years the Utah Watershed Coordinating Council has been able to hold nine meetings that took place in various locations around the state. The Council has also been able to award 7 different mini-grants to watershed groups to assist with information and education projects. In addition to the grants awarded to watershed groups throughout the state the Utah Watershed Coordinating Council was also able to purchase a large display for conferences and workshops to highlight watershed protection activities that have taken place with the support of the Utah Watershed Coordinating Council. A website was also developed, and continues to be maintained which contains minutes, contact information of watershed coordinators, and other useful information that can be used in project planning and reporting.

1.0 INTRODUCTION

The Utah Watershed Coordinating Council (UWCC) was organized in 2002 to support locally led watershed planning and implementation efforts throughout the State. Several of the members of the Council are volunteers and have no financial support to help them participate with the UWCC. When the Clean Water Action Plan (CWAP) was released in 1998 it envisioned federal agencies working together with states, tribes, local governments and watershed groups around the nation to address sources of water pollution and restore impaired watersheds for future generations. This past year, the Utah Division of Water Quality supported local volunteers to attend Watershed Council meetings. This project has enabled locally led watershed leaders and their partners throughout Utah to attend regular Council meetings and training sessions and thereby become more effective in promoting watershed restoration within their local communities and watersheds. The UWCC also assists in providing training to help them be better prepared and more effective to protect and restore water quality in Utah.

The Utah 303(d) List of Waters identifies lakes and reservoirs statewide, which are not meeting their beneficial uses, and thus, require a TMDL. The pollutants threatening those lakes and reservoirs include total phosphorus, dissolved oxygen, pH, temperature and others.

The 303(d) list also identifies several streams and rivers in Utah, which are not meeting their beneficial uses, and also require a TMDL. The pollutants threatening those waterbodies include total phosphorus, total dissolved solids, dissolved oxygen, sediment, various metals, ammonia, temperature, hydrologic modification, fecal coliform, and pH.

The key to reaching water quality goals and objectives is to have effective locally led watershed committees, capable of preparing and implementing a watershed plan. Successful committees depend on strong community collaboration, which requires skills to bring people together using a variety of techniques. This project provides capacity building for Utah's local watershed coordinators and an opportunity to join together in a workshop setting to meet one another, share success stories and to assist each other to strengthen local watershed committee members to create successful partnerships.

Pursuant to Section 303(d) of the Clean Water Act, Utah identified those water bodies for which existing pollution controls are not stringent enough to meet state water quality standards. Once a waterbody is identified as not meeting its beneficial use, then the State must determine through a Total Maximum Daily Load (TMDL) the necessary reduction in pollutant loading. The most effective approach to the TMDL process is to utilize local watershed committees to implement the process. However, those people who are being asked on the local level to facilitate these watershed committees have little training. As a result, groups struggle to meet their defined purpose.

This project provided necessary tools for local watershed coordinators and committee members, through a collaborative partnership, which effectively addressed the problems within their local watersheds. The public was better informed of, and involved in, watershed issues.

Locally led watershed groups are truly grassroots efforts that establish their own operating guidelines, needs, and issues. These varying groups are being asked to prepare TMDL's and Watershed Based Plans pursuant to EPA guidance. They are often called upon to work on a variety of activities that include water quality, water quantity, range management, riparian management, forest management, and many other tasks.

Utah needs to have a watershed council to bring together an informal group of federal, state local agencies and groups who work as a team to assist Utah watershed projects. This will provide better scientific information to be available to help leaders at all levels and the public make better decisions regarding watershed health and clean water programs.

2.0 PROJECT GOALS, OBJECTIVES, AND ACTIVITIES

Goals: To address environmental problems described in the previous section, this project will achieve the following goals:

- 1) Train local watershed leaders and local watershed committees to take a pro-active approach to effectively address water quality resource issues and concerns.
- 2) Provide a statewide coordination network for Utah's local watershed coordinators to facilitate, identify and capitalize on opportunities for collaboration, and avoid duplication of efforts.
- 3) Provide a forum to establish a strong link with local watershed groups needing assistance to help enhance, conserve and protect natural resources and sustain the high quality of life in Utah for present and future growth.
- 4) Provide funding through small I&E grants to Local Watershed Committees.

Objectives

Objective 1: Strengthen and train the Utah Water Coordinating Council through annual meetings.

Task 1: Convene the Utah Watershed Coordinating Council three times during each calendar year. Provide financial assistance to local volunteers who do not have the resources to attend the Council meetings. Provide statewide training on a variety of key skills including the development of effective and appropriate monitoring plans, modeling and reporting, technical competencies, grant proposal writing, project management (tracking and organization), and public outreach efforts. Share successes among the group and build upon those successes statewide.

Actual Output: The funding received from the FY-10 319 grant was used to fund nine meetings from March of 2010 to October of 2012. These meetings were held in Manti, Logan, the Upper Sevier, Richfield, Salt Lake City, Park City, and Moab. Agendas and minutes for these meetings can be found at <http://www.utahwatersheds.com/meetings.htm>.

Section 319: \$5,479.04

Match Accrued: \$0

Objective 2: Demonstrate the effectiveness of the UWCC to State and Local leaders through outreach and education. Seek and solicit State financial commitment to support the Council. Link the statewide local watersheds together through email.

Task 2: Develop a targeted outreach education campaign that will enhance communications between the UWCC and State and Local leaders including Land use Planners. Distribute training material to local watershed coordinators to be used to present information about the UWCC to State and local leaders. Improve the UWCC email linkages, and pursue state funding support.

Actual Output: In an attempt to help increase the visibility and effectiveness of the Utah Watershed Coordinating Council a website has been developed, and is regularly maintained. This website can be found at: <http://www.utahwatersheds.com/>. In addition to the website the council has also purchased a display that can be used at various watershed meetings across the state. Fact Sheets highlighting projects that have taken place in various watersheds are also available, and will be distributed at the events where the booth is used.

Section 319: \$1,281

Match Accrued: \$0

Objective 3: Train UWCC members and leadership to improve their ability to effectively manage local watersheds. Build upon the strength of the Council collectively, to be heard at all levels of government in Utah and throughout the Country.

Task 3: Provide training to increase each local watershed's ability to monitor, restore, and protect their watersheds. Strengthen partnerships, and promote trust between local committees and state and federal agencies. The UWCC will be able to pool technical and financial resources from all agencies for the benefit of local watershed restoration efforts.

Actual Output: A watershed coordinator training was held in Cache Valley in the Summer of 2012 that taught watershed coordinators and partners the planning requirements for all 319 projects. The training included what records should be kept in cooperator folders, what can be considered as match, what permits are required and how to obtain them, and how to certify that projects have been installed correctly. Many of our partners were able to put funding toward the training. Therefore, the training did not cost as much as originally anticipated.

Section 319: \$103.42

Match Accrued: \$0

Objective 4. Integrate UWCC into regional and national water quality meetings and activities.

Task 4: Provide funding to support key UWCC personnel to attend regional and national water quality related workshops and conferences

Deliverable: A summary report from each participant of each activity including an evaluation of the event and how information will be used to help UWCC.

Estimated Cost: \$6,000 (319 funds: \$4,000; In-kind match: \$2,000)

Actual Output: The UWCC was able to send a small group of participants from various watershed groups to the State NPS Conference in Cache Valley Utah in September of 2011.

Section 319: \$720.00

Match Accrued: \$0

5: Provide financial support (mini-grants) to local watershed committees for I&E and other activities.

Task 5: Enable watershed committees to request funds through the UWCC mini-grant program. Mini-grant proposals must be submitted to the Council Chair at least one month before the next regularly scheduled council meeting. The proposals will be screened by the Support Team prior to the Council meeting to determine if they meet the criteria outlined by the UWCC for mini-grants. At the UWCC meeting the full council will vote on the projects to be funded. A majority of the council must approve a project in order for it to be funded through the UWCC. A maximum on the funding requests has been set at \$5,000.

Deliverable: A brief report on the grant and the outcome from each successful applicant. To be delivered with the quarterly reports.

Actual Output: The UWCC was able to fund 7 mini-grants, which helped local watershed groups conduct information and education activities within their watershed, and help their watershed group enter into the public eye. Watersheds receiving these grants include:

- The Upper Bear River
- The Lower Bear River (received 2 grants)
- The Middle Bear River
- The Jordan River
- The Duchesne Conservation District
- The Utah Association of Conservation Districts

Section 319: \$17,603.66

Match Accrued: \$79,724.68

Objective 6: Conduct Evaluation and Monitoring Plan

Task 6: Annually, each participant of the Watershed Coordinating Council will be given a questionnaire to fill out, with specific questions directed toward the effectiveness of each workshop. Each of the measurable goals and objects will be evaluated and the results reported back to the funding agency. The survey will be conducted with each of the local watershed coordinators to determine if the Utah Watershed Coordinating Council is working, and if the

local groups are benefiting from the network. Some of the specific questions which will be asked include:

- Did we achieve every measurable objective?
- How many local committees were served?
- Have local committee problems been solved through their participation?
- Is water quality improving as a result of more effective local committees?
- Are watershed plans being written and implemented?
- Are attitude, knowledge, skill and behavior improving?
- Should the Utah Watershed Coordinating Council continue to meet into the future?

Deliverable: Annual progress reports on the grant and the outcome from each evaluation. Prepare Project Final Report within 90 days of project end.

Actual Output: Annual reports were completed every year for the UWCC grant and entered into GRTS. A Survey was also submitted to all UWCC members via Survey Money. The results of the survey are found in the appendices. Overall the individuals that participated in the survey felt as though the information provided at UWCC meetings were useful, and that the meetings should continue to be held.

Section 319: \$0

Match Accrued: \$0

Objective 7: Provide Administrative Support to UWCC

Task 7: As the UWCC continues to grow so does the need for administrative support for the Program. The UWCC is led by two co-chairs, one from DEQ and another from a local watershed group. Payment of bills will be routed through a local RC&D Council to help facilitate the administration of the council.

Actual Output: To help with the support of the program the non DEQ co-chairman was paid a small stipend for his time and efforts to support the council. The Castlelands RC&D was also paid an 8% fee for their services in paying invoices, and facilitating the financial expenditures of the council.

Section 319: \$3,680.23

Match Accrued: \$0

Budget Table

Objective/Task	Section 319 Used	Match Accrued	Total
Task 1: Hold UWCC Meetings	\$5,479.04	\$0	\$5,479.04
Task 2: Develop Outreach Campaign	\$1,281	\$0	\$1,281
Task 3: Provide Trainings	\$103.42	\$0	\$103.42
Task 4: Attend National and State workshops	\$720.44	\$0	\$720.44
Task 5: Mini-grants	\$17,603.66	\$79,724.68	\$97,328.34
Task 6: Program Evaluation	\$0	\$0	\$0
Task 7: Administration	\$3,680.23	\$0	\$3,680.23
Total	\$28,867.79	\$79,724.68	\$108,592.47

Appendices

Mini Grant Reports or Proposals

2011 Annual Report UWCC NPS Outreach & Education Mini Grant: Salt Lake Countywide Watershed Symposium

Contact Information

Watershed: Jordan River Watershed
Contact name: Marian Hubbard, Jordan River Watershed Coordinator
Email: mhubbard@slco.org
Work phone: (801) 468-2714
Address: Salt Lake County Watershed Planning & Restoration Program
Salt Lake County Government Center
2001 South State Street, N3100
Salt Lake City UT 84190

Project Overview

The 5th Annual Salt Lake Countywide Watershed Symposium, hosted by the Salt Lake County Watershed Planning & Restoration Program, was held August 10-12, 2011 at the Utah Cultural Celebration Center in West Valley City. Free and open to *everyone*, members of the public are encouraged to attend this event to learn about local watershed issues and initiatives. Great effort is made to publicize the Watershed Symposium to the local community. It is our hope that an educated and energized public will become stewards of our watershed. From the perspective of encouraging watershed-based planning and projects, the Symposium provides an annual forum for local policy makers, agencies, academics, water professionals, non-profits, environmental advocates and the public to share ideas and new technologies, report on research results, mix & mingle, and hopefully identify opportunities for new projects and collaborations.

Sixteen feature presentations, four field trips, one workshop, and one thought-provoking panel discussion covered a broad scope of topics, encouraging the exchange of ideas about watershed and water quality issues in the Salt Lake Valley. Sessions were categorized as either “general interest” or “technical” to accommodate a broad range of interests. We had close to 180 participants attending the presentations each day, and approximately 40 field-trippers. Attendees represented private citizens, water quality professionals, academics, students, environmental advocates, policymakers, industry, non-profits, and local, state and federal government agencies.

Given all of the above, we believe that the Watershed Symposium has successfully met the goals of the *UWCC NPS Outreach & Education Mini Grant Program*.

Project Assessment

Comment cards were provided to all Symposium attendees. This has proved to be an effective feedback tool, providing kudos as well as constructive criticism. In addition, we continue to keep a database of

who attends, what years they attended, and who are new attendants. Finally, every three years Salt Lake County has conducted a public phone survey of County residents to gauge knowledge about and attitudes toward watershed-related topics. The next survey in this rotation would take place in 2013.

Overall, we received many positive comments and suggestions this year, both written and verbal. The panel discussion, titled "Planning from Lake to Lake along the Wasatch Front", was very well received and attendees reported that they would like to see similar discussions at future Symposiums. As always, the field trips were very popular and participants provided positive feedback plus suggestions for future trips. New for 2011, we included a third day for the event, to be devoted entirely to field trips. This change was in response to prior year feedback indicating frustration with having to choose between sessions or field trips. Of particular interest, the popular Jordan River Kayak Tour included a second float trip (another highly requested change) to give more people the opportunity to take part, as well as to provide the opportunity to highlight more restoration areas along the river. Presenters said that they enjoyed the opportunity to present to a wide range of audience members and felt it was a well-organized event. Overall, attendees expressed that they would like to see the Symposium continue to be an annual event for Salt Lake County. The Symposium also received positive news coverage from KUTV Channel 2 News and the Deseret News.

Conclusion

Planning for the 2011 Symposium started in September 2010 and the final post-event meeting/assessment was completed in late August. As per the enclosed invoice, Salt Lake County is requesting the \$5,000 that was granted from the *UWCC NPS Outreach and Education Mini Grant Program* to offset the printing, marketing, facility services, and field trip costs for the 2011 Watershed Symposium.

We greatly appreciate the generous support of the *UWCC's Mini Grant Program*. This support keeps the watershed stewardship momentum going in Salt Lake County. The goal is to keep the Symposium an annual event and to have it continue to grow. With the support of UWCC, Utah Division of Water Quality, and the amazing speakers and field trip leaders who volunteer their expertise and time, this has become a reality.

*Report and Invoice prepared 10/3/11
by Lynn Berni, Salt Lake County Watershed Planner*

Bear River/ Cutler Reservoir Advisory Committee



Mini-Grant
2010

Nutrient Management Awareness Program

Project lead:

Jim Bowcutt
Bear River Watershed Coordinator
1860 N. 100 E.
North Logan, Utah 84341
Phone: 435-753-6029 ext. 21
E-mail: jim.bowcutt@usu.edu

Project Location: The grant was obtained on behalf of the Bear River/ Cutler Reservoir Advisory Committee in the amount of \$1883.58. This committee is focused on improving water quality in the Middle Bear River Watershed, specifically the Bear River beginning at the Utah/ Idaho State line to Cutler Dam. Therefore the majority of the funding was used to help establish educational programs in Cache Valley. However, some of the items purchased have also been used in the Lower Bear River Watershed, and it is anticipated that it will benefit all sub-watersheds in the future.

Project Description: The purpose of this grant was to help educate landowners about nutrient management and what they can do to help reduce nutrient contamination of local waterbodies. This included the creation of a fact sheet, nutrient management handbooks for local producers, and the support of a conference that will address nutrient issues in Cache County.

Project Progress: The grant obtained on behalf of the Bear River/ Cutler Reservoir Advisory Committee is now complete, and all funds have been spent.

Cache Valley Mini-water Conference

In the spring of 2010 various agencies joined forces to put on the Cache Valley Mini-Water Conference in Cache Valley, Utah. One of the main topics of the conference dealt with nutrients both from urban runoff and agricultural sources. There were around 150 participants at this conference.

Cost: \$797.58

Nutrient Management Fact Sheet

The local watershed coordinator organized a group consisting of representatives from the Natural Resource Conservation Service and Utah State University Extension to produce a fact sheet dealing with nutrient management. This fact sheet was then printed and will be handed out at various nutrient management workshops that are being produced by Utah State University through out the year. This Fact Sheet can be found at the following link:

http://extension.usu.edu/files/publications/publication/AG_NutrientManagement_2011-01pr.pdf

Cost: \$1086.00

Nutrient Management Tracking Books

While the original plan was to use this grant to produce these tracking books, this was unable to occur since the funds were late being distributed to the recipient. The tracking books were still

produced, but paid for with Information and Education Funds from a 319 grant received for the Middle Bear River Watershed.

Cost: \$0

Estimated Match for This Project

The match in this project has come from various sources. Logan City has produced a large amount of match, as well as a small amount from Nibley City. We also used attendance at the monthly Advisory meeting.

Match from Logan City (estimated):

Additional pamphlets: \$9,300
 Signs and posters: \$2,100
Total: \$11,400

Match From Nibley City

Storm Drain Markers: \$100

Match from Advisory Committee

Meeting		Wage		Total	
Date	Number Attended	Rate	hours	Match	
3/23/2010	15	\$16.15	2	\$484.50	
7/20/2010	9	\$16.15	2	\$290.70	
				\$775.20	Total match to date

Attendance: \$775.20

Total Match: \$14,826.90

Actual Expenditures

Description	Amount
Mini Water Conference	\$ 797.58
Fact Sheet Printing	\$1,086.00
Total	\$1,883.58

Utah Watershed Coordinating Council Mini Grant Final Report

Price River Enhancement Committee Public Awareness Jackets FY 2010

By
Daniel Gunnell (UACD)

EXECUTIVE SUMMARY

PROJECT TITLE: Price River Enhancement Committee Public Awareness Jackets

INITIATION DATE: March 31, 2010

COMPLETION DATE: January 11, 2011

FUNDING:	TOTAL BUDGET: \$2,725.49
Total UWCC Grant Amount:	\$1,296.04
Total Expenditures of UWCC Grant:	\$1,296.04
Total Match Accrued:	\$1,429.45
Total Expenses:	\$2,725.49

INTRODUCTION

1.0 Statement of Need

The Price River Enhancement Committee (PREC) is engaged in the restoration and improvement of the Price River. We will be holding landowner meetings for the various reaches of the Price River, as well as various revegetation and restoration projects. The jackets can be worn to all of these various activities, including at work, home and other

meetings. Having a high quality and professional jacket will effectively increase the public awareness toward the PREC.

2.0 Goals and Objectives of the Project

1. To increase public awareness of the PREC and its mission.
 - a. Obtain high quality jackets with the PREC logo and name embroidered on the front left that will increase public awareness when worn.

UWCC: \$1,296.04 Match: \$1,429.45

3.0 Project Description

TC-West in Castle Dale was responsible for embroidering and securing the jackets. The PREC logo and name was embroidered in bold yellow letters on a black jacket. The contrast allows the logo and lettering to stand out vividly. With the announcement of the jacket, attendance soared. Members with histories of inactivity returned and additional members began attending the PREC meetings. Members wear the jacket proudly and have commented on the durability. 21 total jackets were purchased compared with the requested 20. Knowing of the popularity, TC-West added an additional jacket free of charge. (See Figure 1) Several PREC members have commented that people in the Price area have commented on the jackets, allowing for an explanation of the PREC’s mission and purpose.

4.0 Coordination

The PREC is made up of various members of differing agencies. BLM, Castleland RC&D, Carbon County, Helper City, NRCS, Price City, Price River Conservation District, Private Landowners, UACD, UDAF, UDOT, UDDFSL, UDWQ, UDWR, and USU extension.

5.0 Sources of Matching Funds.

Meetings of the PREC out Reach Sub-Committee were used as match (See Figure 2).

Price River Enhancement Committee Out Reach Sub Committee		
Date	Attendees	Hours
3/1/10	Jeana Wells	2
	Mark Ewell	2
	Ron Patterson	2
4/22/10	Jeana Wells	1.5
	Mark Ewell	1.5
	Ron Patterson	1.5
Total Hours		10.5
Match @ \$17.22		180.81

Figure 2: PREC sub-committee match.

Two meetings were held at the USU extension offices in Price Utah, to discuss various methods of contacting the private landowners along the Price River Corridor in an effort to increase the number of Projects along the Price River. It was decided to go ahead with a Landowner meeting, inviting the target area Private Landowners with a mailed invite letter. Total meeting match was set for 180.81. The rate of \$17.22 comes from the independent sectors value of volunteer hours. Helper City donated the use of their city building for the Landowners Meeting for the PREC, valued at \$200.00 (See Attachment 1). Native Seeds were needed for a PREC sponsored project along the Price River near the Hwy 10, Hwy 6 interchange. Due to the efforts of Mark Ewell, Farm Bill Biologist, the seeds

were donated for the project. The seed mixture is valued at \$1,048.64 (See Attachment 2).

6.0 Conclusion

Not only were the jackets a great success toward informing the public of the PREC, but their creation sparked a renewed interest in the PREC by its members. The project fulfilled its outreach and public awareness purposes.



Figure 1: PREC member sporting their new Jackets.

UWCC Watershed Implementation Grant Application Form

Title of Project: Friends of Strawberry Valley Promotional Items
Applicant Name: John Schultz
Address:
Phone Number:
Email: johnwschultz@comcast.com

Contracting Organization: John Schultz, on behalf of the Friends of Strawberry Valley Group

Project Description

For the past several years, Friends of Strawberry Valley (FOSV) have been trying to educate the public on the importance of water quality in the Upper Strawberry River watershed at the annual Kokanee Festival located at Strawberry Reservoir. We feel that informing the public of water quality issues and the watershed restoration projects that are on-going in this watershed will yield not only awareness but greater public participation in decreasing the amount of pollutants entering the system.

The Strawberry Reservoir is impaired for total phosphorous (TP) and the TMDL was approved by EPA in 2007. In the TMDL, all of the pollutant loading was attributed to nonpoint sources, thus adequate education and outreach to the public are needed to reduce TP loading. We feel by promoting FOSV, we will have a greater chance of reaching out to the public and encouraging them to join in the watershed restoration programs. Educational opportunities that teach about water quality improvement in Strawberry Valley are very limited. Promotional items are also an educational opportunity that could have a positive effect on implementation of projects. We would like to purchase t-shirts and pamphlets (brochures), which would serve as a promotional tool for the use of best management practices. These items would have a small message and contact information to learn more about water quality in their area.

Project Costs

We have estimated the cost of our project to be approximately \$2,500. The cost of the project is broken down as follows:

Items	Cost
Printing pamphlets/brochures (1,000)	\$1,000
Promotional Items (mailings,t-shirts,etc)	\$1,500
Total Cost:	\$2,500

Match

For match on our project we will use the attendance of our committee meetings. The Friends of Strawberry Valley meetings meet on a monthly basis to discuss conservation and restoration activities in the watershed. We have been meeting regularly since 1999, however only the

meetings in 2010 to date have been included for the match. For match on our project we will use the attendance of our committee meetings. By using the Davis Bacon Wage Rate and number of people attending for 3.5 hours the estimated the total match from these meetings to be \$1,679 (see table below).

Meeting Date	# Attended	Wage Rate	Hours	Total Match
01/13/2009	13	\$19.19	3.5	\$873
02/10/2009	12	\$19.19	3.5	\$806
Total Match to date				\$1,679

Wage based on Davis Bacon Wage Rate for General Labor (last updated 05/16/08)

The details of the project were presented to the Friends of Strawberry Valley and recommendations received as to how the money would be more effectively spent. This group felt as though focusing on education and outreach would be important to the future of the Watershed.

Letters of support and commitment from project partners:

The non-profit group Friends of Strawberry Valley (FOSV), initiated in 1999, is made up of individual agencies and private organizations that have a mutual interest in the overall watershed health of Strawberry Valley and in nurturing sustainable multiple uses. Their mission statement is: “To promote ecosystem health through balanced integration of multiple use interests, and provide input and support to Strawberry Valley Management Agencies”.

FOSV provides support in the form of volunteer labor and helps disperse information concerning the Upper Strawberry Watershed to the public. In addition, they provide valuable input to the Heber Ranger District, Uinta National Forest, Wasatch County, the Central Utah Water Conservation District, the Utah Reclamation, Mitigation and Conservation Commission, the Utah Division of Wildlife Resources and Utah State Parks and Recreation regarding management of the watershed.

The proposed project has the full support of the Friends of Strawberry Valley, the U.S. Forest Service, Heber-Kamas District, the State Department of Natural Resources, Division of Wildlife Resources, and Wasatch County.

Logo developed for promotional items



BOX ELDER SCHOOL DISTRICT
960 SOUTH MAIN
BRIGHAM CITY, UTAH 84302
435-734-4800

RONALD FRANSEN, BUSINESS ADMINISTRATOR

INVOICE

TO:	Jim Bowcutt	Invoice Number	TF100
	Dept of Environmental Quality	Date	4/15/2011
	Utah Division of Water Quality		

To be deposited in account number _____

Quantity	Item, Description	Amount
	Transportation for Box Elder School District 4th Grade Field Trips to the Bird Refuge	\$1,500.00
Send Reimbursement To:		
Box Elder School District		
Attn: Tonya Fowles		
Please send copy of invoice with your payment		
Total Amount Due		\$ 1,500.00

NPS Outreach and Education Mini Grant Application

Application Deadline: March 7, 2011

USU Water Quality Extension and the Utah Watershed Coordinating Council are soliciting applications for capacity building and outreach mini-grants. These cost share mini-grants are available to watershed coordinators statewide for outreach and education projects at 3 levels of funding. All funded projects must be completed within one year from approval.

The top tier is for funding an outreach campaign based on a needs assessment plan as outlined in the “Getting In Step” Guide (http://www.epa.gov/owow_keep/NPS/toolbox/guide.htm).

The second tier of funding is to support outreach efforts that publicize the environmental and social benefits of NPS projects based on the results of best management practice monitoring.

The third tier of funding is provided for small scale “shovel ready” outreach efforts that include but are not limited to: funding to support watershed days, support for activities at water fairs or festivals, outreach materials including brochures, fliers, posters, educational equipment, displays, etc.

Applications will be selected based on readiness to proceed, project effectiveness, identified need in the watershed, partner involvement, and a plan to assess impacts of the project. Any changes in funded projects must be approved by UWCC Co-Chairs.

Upon completion of the mini-grant project a report is required to be submitted to Jim Bowcutt (jdbowcutt@utah.gov) briefly summarizing the results of the project effectiveness plan.

Contact Information

Watershed: Bear River Lower Sub-basin

Contact person’s name: Kathi Stopher

Email: kathi_stopher@fws.gov
1241

Work phone: 435-734-6438

Cell phone: 435-730-

Address: 2155 W. Forest St.
84302

City: Brigham City

State: UT Zip:

Project Information

Project description including target audience, age groups, and all partners involved:

The overarching goal of the *Mountain Wilds to Wetland Wonders* program is to provide northern Utah area 4th grade students of Box Elder and Cache counties access to educational programming and field experiences that promote appreciation and understanding of the Bear River watershed and associated wetland/riparian areas. At its core, the 2 venue fieldtrip program promotes an understanding of the essential links between the ecological health of wetland/riparian habitats, conservation of aquatic species, and the role of humans in watershed conservation. The requested funding will assist support in student bus transportation – one

fieldtrip to Hardware Ranch WMA (fall) and one fieldtrip to Bear River MBR (spring). The established curriculum and materials will integrate hands-on scientific exploration into understanding the Bear River watershed and the role of the citizens in its conservation.

Partners include: Utah Division of Wildlife Resources, Utah Division of Water Resources, USU Water Quality Extension, USDA Forest Service, and Friends of Bear River Refuge.

Identified community need to be addressed by project:

Health and safety issues associated with future development, climate variability, and land use issues within the Bear River watershed and need to inform youth about the human role in the health of their environment.

Plan to assess project impact:

Pre-tests to assess knowledge prior to fieldtrips and post-tests to assess knowledge gain after fieldtrips

Project Timeline (Include schedule for planning, preparation, project, assessment, and reporting): September 2011: Pre-testing to assess knowledge base prior to project exposure

October/November 2011: Fieldtrips to Hardware Ranch WMA to do water quality monitoring through macroinvertebrate and physical testing on Curtis Creek.

January /February 2012: Bridging activities in classrooms to demonstrate land-use on Enviroscope models.

March/May: Fieldtrips to Bear River MBR to do water quality monitoring through macroinvertebrate and physical testing of Refuge wetland ponds.

May 2012: Post-testing of student knowledge gain after fieldtrips.

June 2012: Report writing to show results and submit to USU Water Quality Extension and the Utah Watershed Coordinating Council.

Project Budget and Matching Funds (60/40):

Requested: \$1000 (Utah Watershed Coordinating Council)

Match: \$2000 (Friends of Bear River Refuge)

Budget:	\$10,000	Bus Transportation
	\$15,000	Box Elder School District (teacher in-kind time to teach and attend teacher prep workshops to teaching program)
	\$ 5,000	Utah Division of Wildlife Resources in-kind support through teaching time and project coordination
	\$5,000	U.S. Fish & Wildlife Service in-kind support through teaching time and project coordination
	\$35,000	
	\$ 1,000	Requested
	\$ 36,000	Total project value

NPS Outreach and Education Mini Grant Application

Application Deadline: November 14, 2011

USU Water Quality Extension and the Utah Watershed Coordinating Council are soliciting applications for capacity building and outreach mini-grants. These cost share mini-grants are available to watershed coordinators statewide for outreach and education projects at 3 levels of funding. All funded projects must be completed within one year from approval. This year, a funding cap of \$1,000 has been established. Projects exceeding the cap will not be considered for funding.

The top tier is for funding an outreach campaign based on a needs assessment plan as outlined in the “Getting In Step” Guide (<http://www.epa.gov/owow/keep/NPS/toolbox/guide.htm>).

The second tier of funding is to support outreach efforts that publicize the environmental and social benefits of NPS projects based on the results of best management practice monitoring.

The third tier of funding is provided for small scale “shovel ready” outreach efforts that include but are not limited to: funding to support watershed days, support for activities at water fairs or festivals, outreach materials including brochures, fliers, posters, educational equipment, displays, etc.

Applications will be selected based on readiness to proceed, project effectiveness, identified need in the watershed, partner involvement, and a plan to assess impacts of the project. Any changes in funded projects must be approved by UWCC Co-Chairs.

Upon completion of the mini-grant project a report is required to be submitted to Jim Bowcutt (jdbowcutt@utah.gov) briefly summarizing the results of the project effectiveness plan.

Contact Information

Watershed: Upper Bear River

Contact person’s name: Brady Thornock

Email: brady.thornock@ut.nacdnet.net

Work phone: 435-793-3905

Cell phone: 435-730-0573

Address: 195 N Main

City: Randolph

State: UT

Zip: 84064

Project Information

Project description including target audience, age groups, and all partners involved:
The purpose of this project is to continue the effort to educate the public and

agricultural producers of Rich County of the many opportunities to improve water quality in their watershed through various programs, as well as showcase the projects that have been done in the past. Partners involved in this project will be the Rich County Soil Conservation District, and the Rich County CRM group as well as the local Farm Bureau.

Identified community need to be addressed by project: There is a continual need to inform agricultural producers of the available conservation programs which will help them make wise decisions when they think of environmental stewardship. There is also a need to inform the public of the work that has been done and that is planned to improve water quality in their watershed. It is also important to inform the public of the importance of their involvement in this process so that improved water quality in the watershed is a cohesive effort between private land owners, the public and the agencies.

Plan to assess project impact: The assess project impact a record of how the grant monies were spent will be kept, along with matching funds from the conservation district and other willing parties. A report will be put together that will showcase the achievements of the project through the compiled report and photos, as well as success stories that may result.

Project Timeline (Include schedule for planning, preparation, project, assessment, and reporting): As soon as funds are received the project will begin implementation by purchasing water quality promotional items. Also the planning and coordination of the producer of the year dinner will commence. The dinner is usually held sometime in July. It is planned to have the grant monies spent by September 2012 and at that point the report will be compiled and given.

Project Budget and Matching Funds (60/40):

Producer Dinner: \$668

Producer award: \$100

Promotional Items: \$900

Total

_____ \$1,668

Conservation District Total Match: \$668

Total Grant Request: \$1,000