

AZ Sportsmen For Wildlife Conservation GRANT COMPLETION REPORT

Project Title: CORDONADO NATIONAL FOREST GRASSLAND

Organization: SOUTHERN AZ QUAIL FOREVER

Event/Project Completion Date: 16 SEP 21

Event/Project Location (Include info such as event center, hunting unit, etc.): SW OF
CORDONADO NATIONAL MONUMENT ALONG MEXICO BORDER

Submitted By:

E-mail: ZMAY@COMCAST.NET

Phone #: 520, 301, 8135

Today's Date: 28 SEP 21

AZSFWC Recognition:

AZSFWC Logo and Link to AZSFWC on organization's website? (attach screen print image) Yes ☒ No ☐

License Plate Image w/link to MVD on organization's website? (attach screen print image) Yes ☒ No ☐

AZSFWC Logo displayed at event? (attach photo(s)) Yes ☐ No ☒

AZSFWC recognized in all marketing materials & post event articles? (attach all samples) Yes ☒ No ☐

List any social media recognition of AZSFWC (include all screen print images)

Was there any media or press coverage? (attach copies if available) Yes ☐ No ☒

List any other recognition?

WILL DO ONCE SIGNS ARE
AVAILABLE

Summarize Project Accomplishments: Attach narrative if more space is needed.

709 EROSION CONTROL STRUCTURES COMPLETED IMPACT IN 6 690 ACRES.
TRAINED 17 YOUTH INTERNS

Measurable Results (Fill in all that are applicable):

Attendees (If project was an event, list total # of participants, excluding staff, visiting parents, etc): _____

Visitors (If the project is an interpretive display, list total # of annual visitors): _____

Brochures, Pamphlets, etc. (If the project is a brochure, publication, poster or video, list the total produced and distributed): _____

Other (please explain): _____

Budget (specifically describe how AZSFWC funds were used; e.g. program promotion, type of equipment, materials and/or supplies, etc.) **ATTACH COPIES OF ALL RECEIPTS:**

Budget Item	Planned	Actual
CONTRACT TO BORDERLANDS RESTORATION	\$70,000	\$70,000

Project Cooperator(s) (please include any in-kind contributions):

Cooperator (no abbreviations)	Amount Contributors \$
NATIONAL FOREST FOUNDATION	\$35,000
FISHER FOUNDATION	\$15,000
SOUTHERN AZ QUAIL FOREVER	\$7,500
IN KIND	\$4,060

Photographs

*Visuals are **critical** to effectively communicating project accomplishments and are a requirement of AZSFWC project reporting*

Following are a few photo guidelines:

- Submit photos (digital & prints are all welcome) in their original format. No photocopies please.
- Include information regarding photo credits.
- Email to info@azsfwc.org is our preferred method of receiving digital photos, but large files can submitted via CD/DVD/Flash Drive, or uploaded to an online dropbox.

Please return this completed form and supporting documentation and send along with photos to: **AZ Sportsmen for Wildlife Conservation Grant Program PO Box 75731 New River, AZ 85087** or e-mail to info@azsfwc.org. Phone: 602-361-6478.

Pheasants Forever, Inc. Quail Forever CMS Bank Statement



Checking Southern Arizona (AZ) - 3163

Account Number: 1010-3163
Begin Date: 9/1/2020
End Date: 8/31/2021

Run Date: 9/28/2021

Beginning Balance	Deposits & Other Additions	Checks & Withdrawals	Ending Balance
\$9,345.87	\$85,377.81	\$76,021.52	\$18,702.16

Date	Deposits & Other Additions	Amount
9/2/2020	TRSFRR FROM CH#3162	\$8,500.00
9/22/2020	DEPOSIT	\$18,000.00
10/19/2020	DEPOSIT	\$2,000.00
11/1/2020	1ST QTR INTEREST	\$1.76
11/10/2020	DEPOSIT	\$2,250.00
12/29/2020	DEPOSIT	\$25,000.00
1/1/2021	2ND QTR INTEREST	\$1.86
1/5/2021	DEPOSIT	\$500.00
1/12/2021	DEPOSIT	\$75.00
1/20/2021	DEPOSIT	\$23,750.00
1/25/2021	DEPOSIT	\$175.00
2/5/2021	DEPOSIT	\$548.25
3/2/2021	DEPOSIT	\$130.00
3/2/2021	DEPOSIT	\$290.40
3/8/2021	DEPOSIT	\$500.00
3/26/2021	DEPOSIT	\$96.80
3/26/2021	DEPOSIT	\$1,650.00
4/1/2021	3RD QTR INTEREST	\$4.51
4/21/2021	DEPOSIT	\$250.00
5/20/2021	DEPOSIT	\$1,650.00
7/1/2021	4TH QTR INTEREST	\$4.23
	Total Deposits & Other Additions	\$85,377.81

Date	Checks & Withdrawals	Amount
9/30/2020	CK5294 BORDERLANDS RESTORATION	\$15,000.00
10/13/2020	CK5295 BORDERLANDS RESTORATION	\$15,000.00
11/9/2020	CK5296 CEDAR CREEK SERVICES	\$1,150.00
11/24/2020	CK5297 JIM LITTLEJOHN	\$534.10
12/9/2020	MEMBERSHIP PAYMENT	\$35.00

Pheasants Forever, Inc. Quail Forever CMS Bank Statement



Checking Southern Arizona (AZ) - 3163

Account Number: 1010-3163

Begin Date: 9/1/2020

End Date: 8/31/2021

Run Date: 9/28/2021

1/5/2021	CK5298 JIM LITTLEJOHN	\$53.81
1/13/2021	MEMBERSHIP PAYMENT	\$75.00
1/19/2021	CK5290 KERRY NEWBERRY	\$150.00
1/25/2021	CK5299 AZ SPORTMAN	\$305.00
1/25/2021	CK5225 BORDERLANDS RESTORATION	\$15,000.00 ✱
1/29/2021	MEMBERSHIP PAYMENT	\$75.00
3/3/2021	MEMBERSHIP PAYMENT	\$35.00
3/9/2021	CK5226 HOWARD SWENSON	\$20.00
3/16/2021	PRINT ON DEMAND	\$48.22
3/22/2021	CK5229 SCCFRA	\$150.00
3/22/2021	CK5227 DAVE BROWN	\$896.39
4/5/2021	CK5230 SCCFRA	\$300.00
4/6/2021	CK5231	\$32.40
5/5/2021	MEMBERSHIP PAYMENT	\$35.00
5/11/2021	CK5232 DAVE BROWN	\$150.00
5/12/2021	CK5233 FIRST PLAZA STORAGE	\$723.60
5/12/2021	LAF DONATION	\$1,000.00
6/23/2021	EQUIPMENT INSURANCE	\$253.00
6/30/2021	CK5234 BORDERLANDS RESTORATION	\$25,000.00 ✱
Total Checks & Withdrawals		\$76,021.52





Award Recipient: Southern AZ Quail Forever

Agreement Number: AM-307

Project Title: Coronado National Forest Grassland Restoration by Youth, Volunteers, and Restoration

This form reports the tangible accomplishments of your conservation project, in a summarized form and must parallel what is in your final report. While all projects are inherently different, we ask that you condense your results into the definable categories listed or create your own categories, when appropriate. Some projects may require more abstract categories than others, however, please ensure they are understandable to others. Please account for all activities on this sheet once only. Electronic versions of this form are available from the Grantee Resources page at <https://www.nationalforests.org/grant-programs/resources>.

Example: Suppose that an organization uses volunteers to conduct a stream restoration project one summer. Over the course of that project 15 volunteers contributed 300 volunteer hours to plant 1,500 shrubs along three miles of stream. They also treated noxious weeds on 5 acres adjacent to the stream. The organization would summarize the results as follows:

Number	Unit & Description	Number	Unit & Description	Number	Unit & Description
15	Number of Volunteers	1,500	Number of trees and shrubs planted	5	Acres treated for invasive plants
300	Number of Volunteer Hours	3	Miles of stream/riparian areas restored		

Actual Project Accomplishments: Use the categories provided to the extent possible, creating a few clear categories only when necessary. Metrics that do not fit on this page or in these report categories may optionally be included within the body of final report.

Number	Unit & Description	Number	Unit & Description	Number	Unit & Description
12	Number of volunteers	690	Acres of habitat restored or maintained		Number of downed trees cleared from trails
205	Number of volunteer hours		Acres treated for invasive plants		Number of people involved in monitoring
4	Number of paid employee & contractor working hours		Number of youth involved (Age 25 and below)		Number of hours of monitoring
	Miles of trail improved, repaired or maintained		Miles of stream restored		Number of ecological indicators monitored
	Miles of new trail constructed		Miles of stream surveyed		Number of social indicators monitored
	Miles of trail restored, obliterated or naturalized		Number of trees and shrubs planted		Number of economic indicators monitored
	Miles of fence constructed, maintained or repaired		Miles of road decommissioned or obliterated		
	Acres of fuel reduction planned		Number of campsites decommissioned or obliterated		
	Acres of fuel reduction completed		Number of campsites maintained		
	Number of road crossings or culverts repaired or installed		Acres recreation damage restored from overuse/misuse		
	Acres of wetland or riparian area restored		Number trail drainage structures installed or repaired		

1 Oct 2021

**Report to National Forest Foundation
Coronado National Forest Grassland Restoration by Youth, Volunteers, and
Restoration
Agreement #: AM-307**

Executive Summary: It has been a pleasure to work with Coronado National Forest, National Forest Foundation and Borderland Restoration Network. BRN submitted and was approved for a NFF grant which will continue this project into the future. The reason for this transfer of leadership was the QF national organization not allowing the chapter to manage the project. SAQF will provide the matching funds to BRN.

Financial report form and pictures are attached. Status of goals and metrics are provided below. We spent all provided funds.

Our project started on time and completed on schedule in terms of spending and work completion. We had an internal goal to finish a little earlier than the timeline provided in our grant agreement. No modifications were required. Borderlands Restoration Network's (BRN) program manager left for other employment and an encounter between USFS law enforcement and BRN personnel on the work site slowed progress in Feb but we were able to make up the time. BRN has hired a new program manager who completed the project.

There were COVID impacts on contract work but it has been relatively minor. It has more significantly slowed our volunteer hours and has resulting in small transportation cost increase. The reduced volunteer hours impacted our in kind donation.

Matching funds included a grant from AZ Sportsman for Wildlife Conservation as well as donations from Fisher Foundation and chapter members.

Narrative Summary: The work on this project was highlighted with the chapter winning two significant conservation awards. The AZ Game and Fish Commission singled out the chapter as the Conservation Organization of the Year for 2020. Quail Forever also designation the chapter as the QF Habitat Chapter of the Year. Both awards included language on the grasslands project and were widely distributed.

Borderland Restoration Network has provided monthly status reports that were forwarded to Coronado National Forest, AZSFWC, Fisher Foundation, National Forest Foundation, QF National and AZ G&F. Below is an example of information provided to members and other interested parties through our monthly newsletters and website.

Habitat:

We continue to build numerous rock structures on our Coronado National Forest Grasslands Project. National Forest Foundation, Fisher Foundation and AZSFWC are some of the significant donors supporting this work. Our loose rock dams help by slowing runoff to keep water in the soil longer and retaining soil to grow habitat. To date, we have completed over 600

structures this season alone. The work completed the last few years looks great after our rainfall.

Borderlands Restoration staff led two groups of high school and college students in building erosion control structures in the project area. Both groups were part of the Borderlands Earth Care Youth (BECY) summer program; one group was based in Patagonia and the other in Douglas. The Douglas crew included 9 interns and 2 facilitators, and the Patagonia crew included 8 interns and 2 facilitators. The crews worked for 4 days on the project and completed 74 structures.

Borderlands was awarded a matching funds grant from the National Forest Foundation to continue our work along the border. We will support with funding.

Status on goals provided in blue:

Goal 1: BRN staff will install erosion control structures to mitigate erosive forces degrading the Border 2 and Border 3 regions of the Coronado National Forest. Simultaneously, the erosion control structures will build the soil, increase surface water availability, and support vegetation. Total number of structures is 709. This includes 469 one rock dams, 4 media lunas, 94 hybrid log-rock structures, 27 rock rundowns, 26 zuni bowls, and 89 rebuilds. Lat/long for each structure is attached.

Goal 2: Wildlife will access the temporarily detained surface water at the erosion control structures. Some species, such as the Montezuma Quail (which can only be found in abundance in southern Arizona), have been identified as species of highest concern due to climate change. A lack of water availability is a direct threat to these species. These structures are primarily intended to preserve water from monsoon rain but will also do the same for our winter rains. The attached photos show how the structures retain monsoon rainfall.

Goal 3: Seed balls incorporated with the erosion control structures will grow into healthy vegetation, further stabilizing the soil and improving water infiltration. The seed balls will be comprised of a carefully selected mixture of locally sourced, native vegetation intended to support wildlife populations. All planned seeds were collected on the forest, cleaned and made into seed balls with a total of 18 pounds collected. The seed balls were placed in the summer just prior to monsoon period with many sprouting during monsoon. Species include: *Lycurus setosus*, *Bouteloua hirsuta*, *Bothriochloa barbinodis*, *Bouteloua curtipendula*, *Cyperus esculentus*, *Elionurus barbiculmis*, *Schizachyrium sanguineum*, *Elionurus barbiculmis*, *Piptochaetium fimbriatum*, *Eragrostis intermedia*, *Muhlenbergia emersleyi*, *Bouteloua chondrosioides*, and *Hopia obtusa*.

Goal 4: Wildlife will utilize the vegetation for habitat and forage. Rather than seeing a decline in wildlife populations due to environmental stressors, wildlife populations will persevere. AZGFD will complete annual surveys to determine population impact.

Goal 5: Hunters, birders, and other outdoor enthusiasts will continue visiting and enjoying these restored lands, hoping to spot wildlife. Time will tell.

Goal 6: BRN will engage local high school youth to learn about conservation, CNF and ecological restoration. The Borderlands Restoration staff led two groups of high school and college students in building erosion control structures in the project area. Both groups were part of the Borderlands Earth Care Youth (BECY) summer program; one group was based in Patagonia and the other in Douglas. The Douglas crew included 9 interns and 2 facilitators, and the Patagonia crew included 8 interns and 2 facilitators. The crews worked for 4 days on the project and completed 74 structures.

Goal 7: BRN and SAQF staff will train volunteers to build erosion control structures and teach them best practices for planting seed balls in and around erosion control structures. We trained and used 12 volunteers that recorded 203 hours over the period. The numbers here were negatively impacted by COVID but we still consider it a success.

Goal 8: Volunteers will work with BRN and SAQF staff to install erosion control structures and seed balls at the site. Volunteers will aid in returning the site to a trajectory of recovery, spending time outdoors and gaining a firmer sense of stewardship for the region. Completed.

Goal 9: Integrate with the overall Coronado National Forest Grassland Restoration Project. Forest thinning has continued during the same period, CNF staff has been kept informed of our progress and planning.

Metrics planned vs completed:

- Install 600+ water-harvesting erosion control structures - 709 complete
- Collect and distribute 16+ lbs of native seed in seed balls - 18 lbs distributed
- Restore 300+ acres of currently degraded wildlife habitat - 690 acres
- Engage at least 12 high school-aged youth in restoration projects - 17 high school and college age youth trained
- Engage at least 30 volunteers, including 10 that have not participated before - 12 volunteers (down due to COVID impact)
- Supported jobs for four restoration practitioners through BRN - supported 4 jobs



Zack May
SAQF Chapter President

National Forest Foundation Project Financial Report Form

Organization Name: Southern Arizona Quail Forever
 Report Period: Nov 2020 - Mar 2021
 Project Name: Coronado National Forest Grassland Restoration

Project Number: AM 307
 Project Manager: Zack May
 Email: zmay@comcast.net

Approved Budget	(a) NFF Funds Requested	(b) Partner Non-Federal Funds	(c) Partner In-Kind Contributions	(d) Other Federal Funds	(e) Total Category Value
Expense Categories:					
Personnel	\$	\$	\$	\$	\$0.00
Fringe Benefits	\$	\$	\$	\$	\$0.00
Travel	\$	\$	\$	\$	\$0.00
Equipment	\$	\$	\$	\$	\$0.00
Supplies	\$	\$	\$	\$	\$0.00
Contractual	\$ 35,000.00	\$ 35,000.00	\$ 10,000.00	\$	\$80,000.00
Other	\$	\$	\$	\$	\$0.00
Total Direct Charges	\$35,000.00	\$35,000.00	\$10,000.00	\$0.00	\$80,000.00
Indirect Charges	\$	\$	\$	\$	\$0.00
Grand Total	\$35,000.00	\$35,000.00	\$10,000.00	\$0.00	\$80,000.00

Actual Expenses to Date	(a) NFF Funds Requested	(b) Partner Non-Federal Funds	(c) Partner In-Kind Contributions	(d) Other Federal Funds	(e) Total Category Value
Expense Categories:					
Personnel	\$	\$	\$	\$	\$0.00
Fringe Benefits	\$	\$	\$	\$	\$0.00
Travel	\$	\$	\$	\$	\$0.00
Equipment	\$	\$	\$	\$	\$0.00
Supplies	\$	\$	\$	\$	\$0.00
Contractual	\$ 35,000.00	\$ 35,000.00	\$ 4,060.00	\$	\$74,060.00
Other	\$	\$	\$	\$	\$0.00
Total Direct Charges	\$35,000.00	\$35,000.00	\$4,060.00	\$0.00	\$74,060.00
Indirect Charges	\$	\$	\$	\$	\$0.00
Grand Total	\$35,000.00	\$35,000.00	\$4,060.00	\$0.00	\$74,060.00

Signature and Date Required. Hard copies must include physical signature. Electronic copies may include scanned signature or Adobe Acrobat digital signature only.

"By signing this report, I certify to the best of my knowledge and belief that the report is true, complete, and accurate, and the expenditures, disbursements and cash receipts are for the purposes and objectives set forth in the terms and conditions of the award. I am aware that any false, fictitious, or fraudulent information, or the omission of any material fact, may subject me to criminal, civil or administrative penalties for fraud, false statements, false claims or otherwise. (U.S. Code Title 18, Section 1001 and Title 31, Sections 3729-3730 and 3801-3812)."

Signed:  Title: SAQF Chapter President

Date: 9/28/2021

Electronic versions of this form can be downloaded from the *For Current Grantees* section of <http://www.nationalforests.org>.