

ARIZONA WATER PROTECTION FUND COMMISSION

Business Meeting – June 14, 2022

Arizona Department of Water Resources

Thunder River Conference Room

1110 W. Washington St., Ste. 310

Phoenix, AZ 85007

&

Virtual Meeting via Cisco WebEx

Meeting Number (Access Code): 2590 328 9261

Meeting Password: g7tNmbphT64

1-415-655-0001 US Toll

Final Meeting Minutes

ATTENDANCE

Commission Voting Members Present

Pat Jacobs – Chairman

Rodney Held – Vice-Chairman

Brian Biesemeyer

Shelley Blackmore

William Schock

Tina Thompson

Stephen Turcotte

Arizona Water Protection Fund Staff

Kelly Brown

Sharon Scantlebury

Reuben Teran

Commission Voting Members Absent

John Ladd

Commission Non-voting, Ex-Officio Members Present

None

CALL TO ORDER

Chairman Pat Jacobs called the meeting of the Arizona Water Protection Fund Commission to order at 10:00 a.m.

COMMISSION MEMBER ROLL CALL

Mr. Reuben Teran called the roll of the AWPFC Commission. Commissioners present included Chairman Pat Jacobs, Vice-Chairman Rodney Held, Commissioner Brian Biesemeyer, Commissioner Shelley Blackmore, Commissioner William Schock, Commissioner Tina Thompson, and Commissioner Stephen Turcotte. Commissioner John Ladd was not present. A quorum of voting Commission members was present.

Mr. Teran also called the roll for non-voting, ex-officio members of the Commission. None were present, but Mr. Tim Gibson from the State Land Department stated he was in attendance on behalf of the State Land Department Commissioner.

CALL TO THE PUBLIC

Chairman Jacobs made a call to the public. John W. Jennings, CEO of Green Star, LP. addressed the Commission.

COMMISSION MEMBER ELECTIONS FOR CHAIRMAN AND VICE-CHAIRMAN

Chairman Jacobs called for nominations for Chairman for 2022 – 2023. Commissioner Thompson nominated Pat Jacobs for Chairman, with a second from Commissioner Biesemeyer. Commissioner Thompson made a motion to cast a unanimous ballot to elect Pat Jacobs as Chairman, with a second from Commissioner Biesemeyer. Chairman Jacobs called for a vote on the motion:

Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The voice vote was unanimous and Pat Jacobs was elected as the Arizona Water Protection Fund Commission Chairman for 2022 – 2023.

Chairman Jacobs called for nominations for Vice-Chairman for 2022 – 2023. Commissioner William Schock nominated Rodney Held for Vice-Chairman, with a second from Commissioner Biesemeyer. Commissioner Biesemeyer made a motion to cast a unanimous ballot to elect Rodney Held as Vice-Chairman, with a second from Commissioner Schock. Chairman Jacobs called for a vote on the motion:

Pat Jacobs - Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The voice vote was unanimous and Rodney Held was elected as the Arizona Water Protection Fund Commission Vice-Chairman for 2022 – 2023.

AWPF COMMISSION FINAL MEETING MINUTES FORMAT

Commissioner Biesemeyer made a motion for the Commission to adopt abbreviated meeting minutes for the record, and keep a copy of the video recording in the event the Commission needs to go back to obtain details of the meeting, with a second from Vice-Chairman Rodney Held. Chairman Jacobs called for a discussion on the motion. Based on the discussion Commissioner Biesemeyer amended his motion to adopt abbreviated meeting minutes for the records, but also have an audio transcript file available as a

backup copy upon request, along with the copy of the video recording, with a second from Vice-Chairman Held. Chairman Jacobs called for a vote to accept the amended motion.

Pat Jacobs – Chairman	Aye
Rodney Held – Vice Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The vote to accept the amended motion passed unanimously. Chairman Jacobs called for a formal vote on the motion.

Pat Jacobs – Chairman	Aye
Rodney Held – Vice Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

REVIEW AND APPROVAL OF THE FEBRUARY 8, 2022 MEETING MINUTES

Commissioner Thompson made a motion to approve the meeting minutes from February 8, 2022, with a second from Commissioner Blackmore. Vice-Chairman Held requested clarification if the Commission is approving the sample abbreviated version of the minutes staff provided, or the full text version of the minutes staff also provided, which he does have suggested corrections. Chairman Jacobs clarified that the new policy adopted by the Commission on the last agenda item will be followed. Chairman Jacobs called for a vote on the motion.

Pat Jacobs – Chairman	Aye
Rodney Held – Vice Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

ARIZONA WATER PROTECTION FUND PROGRAM UPDATES

Grant Application Review Process

Mr. Teran stated that Commission policy has established that only 1 grant cycle will be implemented per year; grant applications are discussed and awarded on a competitive basis during a public meeting; and the Commission does not have an appeal process for applicants whose grant applications were not selected for funding, but the applicant may re-submit another grant application for consideration in a future grant cycle.

Legislative Update

Mr. Ben Alteneder (Arizona Department of Water Resources Chief Legislative Liaison and Ombudsman) provided a brief update on relevant legislation and the status of the State budget process to date. Chairman Jacobs requested clarification if the \$1 million appropriation in House Bill 2538 includes the annual \$250,000 appropriation that has been included in the Arizona Department of Water Resources (ADWR) budget. Mr. Alteneder responded that the \$1 million would be in addition to the \$250,000 appropriated within ADWR's budget.

Financial Update

Mr. Teran provided an update on the Water Protection Fund activity and current fund balances from July 1, 2021 to May 30, 2022. The fund balance as of May 31, 2022 was \$3,061,703. Existing grant obligations total \$2,020,766 and pending fiscal year 2022 grant contracts total \$120,123. The current uncommitted fund balance as of May 31, 2023 is \$920,814.

Vice-Chairman Held requested clarification why the May 31, 2022 fund amount of \$35,897 identified under the administration account balance also shows as an uncommitted fund amount. Mr. Teran stated that he was not able to answer that question at this time but would follow up with ADWR accounting staff and provide an explanation at the next meeting.

Grant Award and Project Status Updates

Mr. Teran reported that 5 of 6 FY 2022 grant award contracts have been fully executed, and one is in the signature process. Mr. Teran also reported that AWP Grant 20-206WPF: Quantifying Benefits for Brush Management on Arizona Rangelands has been withdrawn by the Arizona Association of Conservation Districts.

ARIZONA WATER PROTECTION FUND ADMINISTRATIVE FUND TRANSFER REQUEST

Mr. Teran requested the Commission's authorization to approve a transfer of \$196,800 of the unobligated Water Protection Fund balance to the program administration account for Fiscal Year 2023. Commissioner Turcotte requested clarification on the breakdown of program administration fees. Mr. Teran provided a budget breakdown of projected program administration costs for the Commission. Vice-Chairman Held made a motion to approve a transfer of \$196,800 of the unobligated fund balance to the administration account for Fiscal Year 2023, with a second from Commissioner Turcotte. Chairman Jacobs called for a vote on the motion.

Pat Jacobs – Chairman	Aye
Rodney Held – Vice Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

FISCAL YEAR 2022 ARIZONA WATER PROTECTION FUND ANNUAL REPORT

Mr. Teran informed the Commission that the draft of the annual report is complete, but a few items such as the fiscal year end fund balance and Chairman cover letter will need to be incorporated prior to it being formally submitted. Commissioner Blackmore made a motion to approve the draft of the Fiscal year 2022 annual report, with a second from Commissioner Schock. Chairman Jacobs called for a vote on the motion.

Pat Jacobs – Chairman	Aye
Rodney Held – Vice Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

FISCAL YEAR 2023 GRANT CYCLE

Vice-Chairman Held made a motion to formally approve implementing a grant cycle for Fiscal Year 2023, with a second from Commissioner Turcotte. Chairman Jacobs called for a vote on the motion.

Pat Jacobs – Chairman	Aye
Rodney Held – Vice Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

FISCAL YEAR 2023 GRANT APPLICATION MANUAL

Mr. Teran presented the proposed fiscal year 2023 grant application schedule. Vice-Chairman Held recommended scheduling application presentations as a separate Commission meeting, allowing time for

the Commission members to ask additional clarifying questions of the applicants in writing through the Executive Director, and having the grant selection voting meeting at a later date. Vice-Chairman Held also recommended 15-minute maximum for applicant presentations, 15-minutes for Commissioner questions, and keeping the application schedule flexible with no time-certain blocks. No objections were made by the Commission members.

Mr. Teran requested clarification on Commission member application review preferences. Commissioner members expressed support for using the eCivis reviewer portal to access the grant applications for their individual reviews.

Commissioner Biesemeyer made a motion to approve the Fiscal Year 2023 grant application manual to include the updates and suggestions that have been discussed by the Commission, with a second from Commissioner Schock. Chairman Jacobs called for a vote on the motion.

Pat Jacobs – Chairman	Aye
Rodney Held – Vice Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

CALL TO THE PUBLIC

Chairman Jacobs made a call to the public. No public comments were made.

CALL FOR FUTURE AGENDA ITEMS

Chairman Jacobs called for future agenda items. No agenda items were suggested.

FUTURE MEETING DATE(S)

Chairman Jacobs stated that the future meeting dates have been established:

- November 15 – 16, 2022 for grant application presentations.
- November 29, 2022 for grant application awards.

ADJOURN

Chairman Jacobs adjourned the meeting at 11:38 a.m.

Commission Members

Pat Jacobs, Chairman
 Rodney Held, Vice Chairman
 Brian Biesemeyer
 Shelley Blackmore
 John Ladd
 William Schock
 Tina Thompson
 Stephen Turcotte

Executive Director

Reuben Teran

Arizona Water Protection Fund Commission

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**Ex-Officio Members**

Thomas Buschatzke
 Director
 AZ Department of Water Resources

Lisa Atkins
 State Land Commissioner
 AZ State Land Department

Advisory Members

The Honorable Sine Kerr
 AZ State Senate

The Honorable David L. Cook
 AZ House of Representatives

NOTICE OF PUBLIC MEETING

Pursuant to A.R.S. § 38-431.02, notice is hereby given that there will be a meeting of the Arizona Water Protection Fund (AWPF) Commission on **Tuesday, June 14, 2022 at 10:00 a.m.** This meeting is open to the public, and in person or virtual attendance options are available. The meeting location and agenda are described below.

Meeting Location:

Arizona Department of Water Resources
 Thunder River Conference Room
 1110 W. Washington St., Ste. 310
 Phoenix, AZ 85007

To ensure an appropriate meeting space, please RSVP to sscantlebury@azwater.gov if you would like to attend in person.

Cisco Webex Meeting Information

Link: <https://bit.ly/3wNNkTE>

Meeting Number (Access Code): 2590 328 9261

Meeting Password: g7tNmbphT64

or

Join by Phone

1-415-655-0001 US Toll

Access Code: 2590 328 9261

Dated this 6th day of June 2022

Arizona Water Protection Fund Commission
Meeting Agenda

- I. Call to Order –Chairman Pat Jacobs
- II. Commission Member Roll Call – Executive Director
- III. Call to the Public – Chairman Jacobs
 - Comments from the public will be limited to 3 minutes per speaker.
- IV. Commission Member Elections for Chairman and Vice-Chairman
- V. Review and Approval of the February 8, 2022 Meeting Minutes – Chairman

Arizona Water Protection Fund Commission
Notice of Public Meeting and June 14, 2022 Meeting Agenda (continued)

- VI. AWPFC Commission Final Meeting Minutes Format – Chairman
 - The Commission will discuss and may provide direction on the preferred media and/or format for future AWPFC Commission meeting minutes.
- VII. Arizona Water Protection Fund Program Updates – Executive Director
 - Grant Application Review Process
 - Legislative Update – Ben Alteneder
 - Financial Update
 - Grant Award and Project Status Updates
- VIII. Arizona Water Protection Fund Administrative Fund Transfer Request – Executive Director
 - The Commission will discuss and may approve a transfer of \$196,800 of the unobligated Water Protection Fund balance to the program administration account for Fiscal Year 2023.
- IX. Fiscal Year 2022 Arizona Water Protection Fund Annual Report - Chairman
 - The Commission will discuss and may provide direction on revising and/or approve the Fiscal Year 2022 Annual Report.
- X. Fiscal Year 2023 Grant Cycle – Chairman
 - The Commission will discuss and may provide direction on implementing a grant cycle for Fiscal Year 2023.
- XI. Fiscal Year 2023 Grant Application Manual – Chairman
 - The Commission will discuss and may provide direction on revising and/or approve the Fiscal Year 2023 grant application manual, grant application presentation format, Commission member application review format preferences, and grant application process schedule.
- XII. Call to the Public – Chairman
 - Comments from the public will be limited to 3 minutes per speaker.
- XIII. Call for Future Agenda Items – Chairman
- XIV. Future Meeting Date(s) – Chairman
- XV. Adjourn – Chairman

Arizona Water Protection Fund Commission
Notice of Public Meeting and June 14, 2022 Meeting Agenda (continued)

- *The Arizona Water Protection Fund Commission may elect to go into Executive Session for the purposes of obtaining legal advice from its attorney on any of the listed agenda items pursuant to A.R.S. § 38-431.03(A)(3). Executive sessions are not open to the public.*
- *Agenda items may be taken out of order. No action may be taken on items unless specifically noted on the agenda.*
- *Members of the Arizona Water Protection Fund Commission may appear by telephone.*
- *Agenda and backup/supporting documents can be obtained by contacting Sharon Scantlebury at 602-771-3957 or sscantlebury@azwater.gov.*
- *People with disabilities may request reasonable accommodations such as interpreters, alternate formats, or assistant with physical accessibility. If you require accommodations, please contact Jennifer Marteniez at (602) 771-8426 or by e-mailing jkmarteniez@azwater.gov Please make requests as soon as possible to allow time to arrange the accommodation.*

ARIZONA WATER PROTECTION FUND COMMISSION

Business Meeting – February 8, 2022

Virtual Meeting via Cisco WebEx

Meeting Number (Access Code): 2594 300 4473

Meeting Password: 8xsBmQt5ic43

1-415-655-0001 US Toll

DRAFT Meeting Minutes

ATTENDANCE

Commission Voting Members Present

Pat Jacobs – Chairman

Rodney Held – Vice-Chairman

Brian Biesemeyer

Shelley Blackmore

William Schock

Tina Thompson

Stephen Turcotte

Arizona Water Protection Fund Staff

Kelly Brown

Sharon Scantlebury

Reuben Teran

Commission Voting Members Absent

None

Commission Non-voting, Ex-Officio Members Present

None

Prior to making a call to order, Chairman Pat Jacobs announced the recent passing of former Arizona Water Protection Fund (AWPF) Commissioner Lucinda Earven, and a moment of silence was taken.

CALL TO ORDER

Chairman Jacobs called the meeting of the AWPFC Commission to order at 10:01 a.m.

Chairman Jacobs requested to move item IV.1. – Commission Membership Update forward in the agenda to have the Executive Director provide the update which would also facilitate the agenda item II. Commissioner Member Roll Call.

ARIZONA WATER PROTECTION FUND PROGRAM UPDATES

Commission Membership Update

Mr. Reuben Teran stated Ms. Tina Thompson, representing the Willcox-San Simone Natural Resource Conservation District, has recently been appointed to the Commission, and has replaced Commissioner Paul Brick. Mr. Teran stated that Commissioner Brick was a long-time member of the Commission, and thanked him for his service.

Mr. Teran stated that he was notified this morning that Mr. John Ladd, representing the Hereford Natural Resource Conservation District, has also been recently appointed to the Commission, and has replaced the late Commissioner Lucinda Earven.

Chairman Jacobs welcomed Commissioner Thompson, and offered the opportunity to introduce herself.

COMMISSION MEMBER ROLL CALL

Mr. Teran called the roll of the AWPFC Commission. Commissioners present at the time of roll call included Chairman Pat Jacobs, Vice-Chairman Rodney Held, Commissioner Brian Biesemeyer, Commissioner Shelley Blackmore, Commissioner William Schock, Commissioner Tina Thompson, and Commissioner Stephen Turcotte. A quorum of voting Commission members was present.

Mr. Teran also called the roll for non-voting, ex-officio members of the Commission. None were present, but Ms. Liza Logan stated she was in attendance on behalf of the State Land Department.

AWPFC COMMISSION FINAL MEETING MINUTES FORMAT

Mr. Teran provided the Commission a brief summary of the .pdf document format for approved meeting minutes currently being used by the program, explained the availability of the recorded digital media format allowed by the Webex virtual meeting program currently being used to video and audio record AWPFC Commission meetings, and provided an example of a summarized meeting minute format currently used for Arizona Water Infrastructure Finance Authority public meetings.

Chairman Pat Jacobs asked for any comments or questions from the Commission. Commissioner Shelly Blackmore suggested to keep the meeting minutes format the same, and commented that care should be taken when using technology to ensure that information is not lost, or potentially misinterpreted. Commissioner Bill Schock suggested the use of closed captioning features available with virtual meeting recordings to help with meeting transcriptions. Commissioner Brian Biesemeyer supported more an abbreviated meeting minute format.

Vice-Chairman Rodney Held supported a more succinct version of the meeting minutes, but inquired if the recording could still be maintained in case a specific question ever came up that allowed staff to go to find the answer. Vice Chairman Held recommended that the Commission hold off any formal vote on this agenda item until there is clarification on the time that the video and/or audio recording of AWPFC Commission meetings can be stored following the formal approval of the meeting minutes, in whatever format they are approved.

Chairman Pat Jacobs directed staff to work with legal counsel to clarify if the meeting recording could still be maintained for future reference if summarized meeting minutes were adopted by the Commission. He also requested that an example of abbreviated meeting minutes be prepared for the Commission's review for the next meeting, along with the legal determination on the video and/or audio recording storage timeframe.

REVIEW AND APPROVAL OF THE NOVEMBER 16, 2021 MEETING MINUTES

Chairman Jacobs asked for any questions or comments on the minutes. Vice-Chairman made a motion to approve the minutes, with a second from Commissioner Biesemeyer. Chairman Jacobs asked for any discussion on the motion. Vice-Chairman stated that he has provided the Executive Director with suggested minor typographical corrections. Commissioner Schock stated that he has also provided the

Executive Director with suggested minor grammatical and typographical corrections. Chairman Jacobs stated that there is a motion before the Commission with the understanding that the suggested typographical and grammatical corrected will be administratively accepted as part of the approved meeting minutes. Chairman Jacobs the requested for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

PROJECT CLOSEOUT PRESENTATION. AWPf GRANT 19-194WPF: DAVIS CATTLE CO. GRASSLAND RESTORATION

Mr. Teran introduced Deborrah Smith, Arizona Association of Conservation Districts, who provided the Commission a project closeout presentation.

Chairman Jacobs asked for any questions or comments from the Commission. Vice-Chairman Held commented that some of the pre-treatment areas has a limited number of mesquite and asked what the average number of trees were on each plot. Ms. Smith responded that she did not have that information readily available and did not do the field work. But she stated that Mr. Lamar Smith conducted the field work and would be happy to discuss this with the Vice-Chairman in more detail, if desired.

Chairman Jacobs asked if any information about the project is available on social media. Ms. Smith responded that the only information out on social media was a link that was provided to the project final report on the Arizona Association of Conservation Districts' website.

Commissioner Bill Schock inquired if any re-treatments were being planned within the next 5 years. Ms. Smith responded that there were no re-treatments planned, and the National Resource Conservation Service specifications call for re-treatments with 10-20 years depending on the ecological site. Commissioner Schock stated that in his experience annual treatments of mesquite appear to work quite well, especially on younger trees and resprouts.

AWPF GRANT 20-202WPF: GILA VALLEY IRRIGATION DISTRICT SYSTEM OPTIMIZATION PHASE I

Mr. Teran stated that the Grantee for this project is the Gila Valley Irrigation District, and as part of this agenda item the Commission will discuss and may take action on the request from the Grantee to modify the project scope of work, add additional funding to the grant award contract, and extend the grant award contract expiration date. He then introduced Mr. Justin Layton who is representing the Gila Valley Irrigation District and was joining via telephone.

Mr. Layton provided a background on the project and circumstances related to the request for changes to the grant award contract.

Commissioner Brian Biesemeyer requested clarification on the additional funding amount requested. Mr. Layton responded \$366,880. Commissioner Biesemeyer requested clarification about the original intent of the project, and how the proposed changes will affect the overall intent of the project. Mr. Layton responded that the Gila Valley Irrigation District currently has 11 canals and various gate designs on each that they use to distribute water, and that these variations and age of some of the gates are not very efficient at delivering water and leads to a lot of water loss along the system. He further stated that although this proposed change will be scaled down from the 3 canals in the original proposal it would still have a huge impact on the system since it would eliminate one canal from the project, but completely re-gate and increase the efficiency of the other 2 canals originally proposed. Commissioner Biesemeyer asked if there was an estimate on water savings for the proposed changes. Mr. Layton responded that was a fair question, but did not have a direct answer. He stated the Gila Valley Irrigation District measures their water by miner's inches, and not cubic feet/second, and 1 cubic feet/second is approximately 40 miner's inches, and on average the current gates leak anywhere from 10-50 inches of water and an average size stream they use is 300 inches so there is a percentage of water loss. The gates being proposed would have a rubber seal and have less than 5 inches of water loss.

Vice-Chairman Held requested the clarification of funds requested from the Commission since one part of the request letter identified the \$366,880, and in another line item in the request letter there was an additional \$3,047 for administration costs. Mr. Layton responded that the \$3,047 in administration costs is already included in the \$366,880 requested under Task #3. Vice-Chairman Held also stated that there appears to be some discrepancies in the total amount of funds requested based on the difference from the original grant amount of \$257,775 and the total grant request of \$623,702 based on the revised budget details that was submitted. Vice-Chairman Held stated that the amount of additional funding requested is more than double from what was originally requested when the application was submitted, and that this application was considered with the other applications were submitted and under the available amount of funds to grant during FY 2020 grant cycle. He further stated that he has concerns about this request and suggested that the grant request be re-submitted and re-evaluated in the next grant cycle.

Commissioner Tina Thompson sympathized with the timing of this request due to the rapidly rising costs of all materials, but supported Vice-Chairman Held's suggestion on resubmitting a grant request in the future.

Commissioner Biesemeyer also sympathized with the cost increases, and inquired if the scope of work could be modified to install gates perhaps on only one canal at this time under the existing grant award budget. Mr. Layton responded that this option was discussed by the Gila Valley Irrigation District, and if the original funds available were used to complete work it would only cover approximately 12 gates and approximately halfway through one canal.

Mr. Layton stated that there is a correction to the amount of funds that is being requested, and apologized for any confusion regarding the additional amount requested. He clarified that the additional grant funds requested was \$365,927.

Vice-Chairman Held again expressed concerns about the original scope of work and budget that was approved during the FY 2020 grant cycle compared to other grant applications submitted, and also the current request regarding the reduced number of gates to be completed and more than doubling the cost of the work. He stated that he is expressing this concern based on fairness to the other grant applicants in the FY 2020 grant cycle.

Commissioner Shelley Blackmore commented that there is not an easy answer, but suggested that the Commission do what they can with the limited amount of resources available.

Commissioner Biesemeyer commented that this is still a very valid project even with the cost overruns.

Vice-Chairman Held made a motion that the Commission approve the request to modify the project scope of work, add additional funding to the grant award contract, and extend the grant award contract expiration date, with a second from Commissioner Stephen Turcotte. Chairman Jacobs asked for any comments or discussion on the motion. Commissioner Turcotte commented that this is a water saving project and this is what the AWPFC Commission is about. He also stated that the grantee has already been through the competitive application process and did not feel comfortable sending them back to the drawing board after they have gone through the application process, with the understanding that there are many extenuating circumstances driving up costs. He further stated that he is in support of the motion because this is a water saving project and there are funds available. Commissioner Schock expressed concerns about how far off the budget was in the original presentation compared to the costs identified now. He also expressed concerns that there have not been any gates installed to date given the time that has elapsed since the project was approved. He further commented that the Commission should move on this project as soon as possible since there is no guarantee that costs will go down in the future. Commissioner Schock also commented that this not at all the scope of money or the project that the Commission originally approved, and in a sense, it would be unfair to everybody else that has asked for projects to be approved to allow somebody to come back and ask for this much more money to do a project that is considerably smaller from what was initially proposed. He supported the grantee using the current grant funds available to complete as much as possible, and coming back again in a future grant cycle.

For clarification, Mr. Teran stated the motion includes the following: approving a 1-year contract extension; modifying the project scope of work from 156 gates on 3 canals to 58 gates on 2 canals, and additional funding of \$365,927 to the grant award contract. Vice-Chairman Held concurred with the clarification provided.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Nay
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Nay
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed with 5 aye votes and 2 nay votes.

AWPF GRANT 20-204WPF: WINKELMAN NATURAL RESOURCE CONSERVATION DISTRICT RIPARIAN RESTORATION

Mr. Teran stated that the Grantee for this project is the Winkelman Natural Resource Conservation District, and as part of this agenda item the Commission will discuss and may take action on the request from the

Grantee to extend the grant award contract expiration date. He then introduced Mr. Kyle Thompson who is representing the Winkelman Natural Resource Conservation District and was joining via the webinar.

Commissioner Stephen Turcotte stated that he is the Vice-Chair of the Winkelman Natural Resource Conservation District and recused himself from the discussion on this agenda item.

Mr. Thompson provided a background on the project and circumstances related to the request to amend the grant award contract expiration date to December 31, 2023.

Chairman Jacobs asked for any comments or questions from the Commission. Vice-Chairman Held made a motion to extend the grant award contract expiration date for AWPf Grant 20-204WPF: Winkelman Natural Resource Conservation District Riparian Restoration, with a second from Commissioner Blackmore.

Mr. Teran clarified that the Grantee's request is for a one-year contract extension, and Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Recused

The motion passed with 6 aye votes and 1 recusal.

AWPF GRANT 20-205WPF: UPPER, MIDDLE, AND LOWER FOSSIL CREEK INVASIVE PLANT REMOVAL

Mr. Teran stated that the Grantee for this project is the National Forest Foundation, and as part of this agenda item the Commission will discuss and may take action on the request from the Grantee to extend the grant award contract expiration date. He then introduced Ms. Sasha Stortz who is representing the National Forest Foundation and was joining via the webinar.

Ms. Stortz provided a background on the project and circumstances related to the request to amend the grant award contract expiration date to May 7, 2025.

Chairman Jacobs asked for any comments or questions from the Commission. Commissioner Biesemeyer made a motion to extend the grant award contract expiration date for AWPf Grant 20-205WPF: Upper, Middle, and Lower Fossil Creek Invasive Plant Removal to May 7, 2025, with a second from Commissioner Turcotte. Chairman Jacobs called for any discussion on the motion. There were no comments.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye

Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

ARIZONA WATER PROTECTION FUND PROGRAM UPDATES (continued)

Financial Update

Mr. Teran displayed the AWPf program financial update from July 1, 2021 – January 31, 2022. The beginning fund balance was \$2,138,670. Total revenues were \$628,973, and total expenditures were \$271,023. The Fund balance on January 31, 2022 was \$2,496,620. Mr. Teran stated that existing grant obligations are \$994,051 and the uncommitted AWPf Fund balance is \$1,502,569.

Mr. Teran further explained that the current fund balance sheet does not include an additional \$625,000 that is to be deposited into the AWPf account from the FY 2022 general fund appropriation, and does not include the obligations for the FY 2022 grants approved by the Commission in November 2021 totaling \$780,911. He stated that the general fund deposits into the fund are made quarterly on a quarterly basis, and the new grant obligations will be added in as new grant award contracts are executed.

Chairman Jacobs asked for any question or comments from the Commission. No comments were made.

Legislative Update

Mr. Teran informed the Commission that HB 2038 titled *water protection fund; appropriation* has been introduced this Legislative session by Representative Gail Griffin, and the bill is to appropriate \$1 million to the Arizona Water Protection Fund for fiscal year 2022 – 2023. Chairman Jacobs stated that Representative Griffin has been supportive of this Commission and every year submits this as a separate bill. Chairman Jacobs asked for any comments or questions from the Commission. Commissioner Thompson inquired if there was a guaranteed amount of money for the program each year. Mr. Teran responded that in fiscal year 2018 the Legislature approved an ongoing \$250,000 appropriation for the AWPf in the Arizona Department of Water Resources budget each year. He further stated that any other appropriation bills submitted through the Legislative session are in addition to this ongoing appropriation.

Mr. Teran informed the Commission that HB 2539 titled *nonnative species eradication; projects; appropriation* has been introduced this Legislative session by Representative John, and would appropriate \$15,000,000 for nonnative vegetation invasive species eradication projects along specific segment of the Gila River, and an advisory committee would be appointed to oversee these projects and the fund. Mr. Teran stated this is just for informational purposes.

Status Updates for Active Grant Award Contracts

Mr. Teran stated that a copy of the project status updates for active AWPf grant award projects was provided to the Commission members for review. He displayed the report and asked if there were any questions or clarification needed on any of the projects. Chairman Jacobs asked how many grant award

contracts were pending from the last grant cycle. Mr. Teran responded that 6 projects were funded and grant award contracts are currently in development, or staff is awaiting clarification on items identified in the staff review before drafting an agreement.

GRANT CYCLE PLANNING

Mr. Teran stated this is the time of year to begin planning for a future grant cycle and staff was requesting direction from the Commission on their intentions to begin planning a grant cycle for fiscal year 2023 based on the available AWPf fund balance and potential legislative appropriation. Chairman Jacobs asked for any comments from the Commission. Vice-Chairman Held stated that it is clear there is funding available for another grant cycle. Commissioner Blackmore stated that 20 minutes per application for questions and discussion was too little time and recommended that more than 20 minutes be allotted for each application discussion or having 2 days available for discussion and follow-up questions. Vice-Chairman Held made motion to authorize the Executive Director to plan for a Fiscal Year 2023 grant cycle and plan for a minimum of 2 days for the application presentation process to facilitate additional time with the grant applicants for questions prior to the grant awards, with a second from Commissioner Blackmore.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Not Present
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed with 6 Aye votes and 1 Not Present.

GRANT APPLICATION MANUAL DEVELOPMENT

Mr. Teran stated that the Commission can discuss and may provide direction on updating the grant application content requirements for the Fiscal Year 2023 and future grant application manuals. Vice-Chairman Held made a motion that the Commission authorize the Executive Director to move forward with the development of the grant application manual in accordance with the other direction given for the grant cycle planning, with second from Commissioners Biesemeyer.

Chairman Jacobs asked for any questions or discussion on the motion. Mr. Teran stated that during the last grant application voting meeting that some Commissioners expressed concern about the number of pages associated with some grant applications and inquired if there was anything that could be done to shorten the length of the overall grant application. Mr. Teran also explained that some applications may have lengthy pages due to environmental compliance documentation, backup data, or background information that are submitted as supplemental information materials to a grant application. Vice-Chairman Held stated the grant application is currently set up to obtain that the Commission still requires and recommended that the Commission move forward with the current application requirements. Chairman Jacobs suggested that the core grant application content be submitted to each Commissioner for review, and have the supplemental information available and provided to those Commissioners that specifically request it for a particular application. Mr. Teran stated that could be an option, and also

commented that the full grant application packet will still need to be made available for public review through the AWPf website and as has been done in the past.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Not Present
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed with 6 Aye votes and 1 Not Present.

CALL TO THE PUBLIC

Chairman Pat Jacobs made a call to the public.

Supervisor Harry Oberg, Yavapai County Board of Supervisors addressed the Commission about the Kirkland Restoration of Proper Stream Channel Characteristics Project that was submitted in the last grant cycle and not funded, and highly recommended the Commission's reconsideration and approval of the Kirkland Restoration of Proper Stream Channel Characteristics Project.

Lynn Whitman, Yavapai County Flood Control District addressed the Commission about the Kirkland Restoration of Proper Stream Channel Characteristics Project, and stated they are in support of the project and inquired if there is a way to appeal the decision as they see this as a very good project.

Chairman Jacobs requested the Kirkland Restoration of Proper Stream Channel Characteristics Project on the agenda for an informational discussion at the next Commission meeting.

CALL FOR FUTURE AGENDA ITEMS

Chairman Jacobs made a call for future agenda items. Proposed future agenda items included:

- AWPf Meeting Minutes format discussion
- Kirkland Restoration of Proper Stream Channel Characteristics Project on the agenda for informal discussion

FUTURE MEETING DATE(S)

Chairman Jacobs selected June 14, 2022 as the next AWPf Commission meeting date.

ADJOURN

Vice-Chairman Held made a motion to adjourn, with a second from Commissioner Turcotte. The meeting adjourned at 12:35p.m.

Arizona Department of Water Resources
Water Protection Fund
FY 2021 Fund Activity
For the period July 1, 2021, through May 31, 2022

Description	1302-WPF Grants	1303-WPF Administration	Total
Beginning Fund Balance -	\$2,099,328	\$39,342	\$2,138,670
Revenues:			
Interest Income	\$0	\$7,480	\$7,480
In-Lieu Fee Deposit	\$0	\$0	\$0
General Fund Appropriation	\$1,250,000	\$0	\$1,250,000
Transfers - Administrative	(\$161,720)	\$161,720	\$0
Total - Revenues	\$1,088,280	\$169,200	\$1,257,480
Expenditures:			
Salary Expense	\$0	\$172,348	\$172,348
Grantee Payments	\$161,802	\$0	\$161,802
Travel	\$0	\$297	\$297
Operating Expenses	\$0	\$0	\$0
Total - Expenditures	\$161,802	\$172,645	\$334,447
Fund Balance - May 31, 2022	\$3,025,806	\$35,897	\$3,061,703
Less: Existing Grant Obligations	(2,020,766)		
Less: Pending FY 2022 Grants	(\$120,123)		
Uncommitted Balance	\$884,917	\$35,897	\$920,814

ARIZONA WATER PROTECTION FUND COMMISSION

Business Meeting – February 8, 2022

Virtual Meeting via Cisco WebEx

Meeting Number (Access Code): 2594 300 4473

Meeting Password: 8xsBmQt5ic43

1-415-655-0001 US Toll

SAMPLE Meeting Minutes

ATTENDANCE

Commission Voting Members Present

Pat Jacobs – Chairman

Rodney Held – Vice-Chairman

Brian Biesemeyer

Shelley Blackmore

William Schock

Tina Thompson

Stephen Turcotte

Arizona Water Protection Fund Staff

Kelly Brown

Sharon Scantlebury

Reuben Teran

Commission Voting Members Absent

None

Commission Non-voting, Ex-Officio Members Present

None

Prior to making a call to order, Chairman Pat Jacobs announced the recent passing of former Arizona Water Protection Fund (AWPF) Commissioner Lucinda Earven, and a moment of silence was taken.

CALL TO ORDER

Chairman Jacobs called the meeting of the AWPF Commission to order at 10:01 a.m.

Chairman Jacobs requested to move item IV.1. – Commission Membership Update forward in the agenda to have the Executive Director provide the update which would also facilitate the agenda item II. Commissioner Member Roll Call.

ARIZONA WATER PROTECTION FUND PROGRAM UPDATES

Commission Membership Update

Mr. Reuben Teran provided an update on the current membership status of Arizona Water Protection Fund Commissioners.

COMMISSION MEMBER ROLL CALL

Mr. Teran called the roll of the AWPF Commission. Commissioners present at the time of roll call included Chairman Pat Jacobs, Vice-Chairman Rodney Held, Commissioner Brian Biesemeyer, Commissioner

Shelley Blackmore, Commissioner William Schock, Commissioner Tina Thompson, and Commissioner Stephen Turcotte. A quorum of voting Commission members was present.

Mr. Teran also called the role for non-voting, ex-officio members of the Commission. None were present, but Ms. Liza Logan stated she was in attendance on behalf of the State Land Department.

AWPF COMMISSION FINAL MEETING MINUTES FORMAT

No formal action taken. Chairman Pat Jacobs directed staff to work with legal council to clarify if the meeting recording could still be maintained for future reference if summarized meeting minutes were adopted by the Commission. He also requested that an example of abbreviated meeting minutes be prepared for the Commission's review for the next meeting, along with the legal determination on the video and/or audio recording storage timeframe.

REVIEW AND APPROVAL OF THE NOVEMBER 16, 2021 MEETING MINUTES

Vice-Chairman made a motion to approve the minutes, with a second from Commissioner Biesemeyer. Chairman Jacobs asked for any discussion on the motion. Vice-Chairman Held stated he had minor edits for consideration. Chairman Jacobs stated that there is a motion before the Commission with the understanding that suggested typographical and grammatical corrections will be administratively accepted as part of the approved meeting minutes. Chairman Jacobs then requested for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

PROJECT CLOSEOUT PRESENTATION. AWPF GRANT 19-194WPF: DAVIS CATTLE CO. GRASSLAND RESTORATION

Mr. Teran introduced Deborrah Smith, Arizona Association of Conservation Districts, who provided the Commission a project closeout presentation.

AWPF GRANT 20-202WPF: GILA VALLEY IRRIGATION DISTRICT SYSTEM OPTIMIZATION PHASE I

Mr. Teran introduced Mr. Justin Layton, representing the Gila Valley Irrigation District, who provided a background on the project and circumstances related to the request for changes to the grant award contract.

Vice-Chairman Held made a motion that the Commission approve the request to modify the project scope of work, add additional funding to the grant award contract, and extend the grant award contract expiration date, with a second from Commissioner Stephen Turcotte.

For clarification, Mr. Teran stated the motion includes the following: approving a 1-year contract extension; modifying the project scope of work from 156 gates on 3 canals to 58 gates on 2 canals, and additional funding of \$365,927 to the grant award contract. Vice-Chairman Held concurred with the clarification provided.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Nay
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Nay
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed with 5 aye votes and 2 nay votes.

AWPF GRANT 20-204WPF: WINKELMAN NATURAL RESOURCE CONSERVATION DISTRICT RIPARIAN RESTORATION

Mr. Teran introduced Mr. Kyle Thompson, representing the Winkelman Natural Resource Conservation District, who provided a background on the project and circumstances related to the request to amend the grant award contract expiration date to December 31, 2023. Commissioner Turcotte stated that he is the Vice-Chair of the Winkelman Natural Resource Conservation District and recused himself from the discussion on this agenda item.

Vice-Chairman Held made a motion to extend the grant award contract expiration date for AWPf Grant 20-204WPF: Winkelman Natural Resource Conservation District Riparian Restoration, with a second from Commissioner Blackmore.

Mr. Teran clarified that the Grantee's request is for a one-year contract extension, and Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Recused

The motion passed with 6 aye votes and 1 recusal.

AWPF GRANT 20-205WPF: UPPER, MIDDLE, AND LOWER FOSSIL CREEK INVASIVE PLANT REMOVAL

Mr. Teran introduced Ms. Sasha Stortz, representing the National Forest Foundation, who provided a background on the project and circumstances related to the request to amend the grant award contract expiration date to May 7, 2025.

Commissioner Biesemeyer made a motion to extend the grant award contract expiration date for AWP Grant 20-205WPF: Upper, Middle, and Lower Fossil Creek Invasive Plant Removal to May 7, 2025, with a second from Commissioner Turcotte.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Aye
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed unanimously.

ARIZONA WATER PROTECTION FUND PROGRAM UPDATES (continued)

Financial Update

Mr. Teran provided an Arizona Water Protection Fund balance update.

Legislative Update

Mr. Teran provided a legislative update.

Status Updates for Active Grant Award Contracts

Mr. Teran provided a grant status update.

GRANT CYCLE PLANNING

Vice-Chairman Held made motion to authorize the Executive Director to plan for a Fiscal Year 2023 grant cycle and plan for a minimum of 2 days for the application presentation process to facilitate additional time with the grant applicants for questions prior to the grant awards, with a second from Commissioner Blackmore.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Not Present

Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed with 6 Aye votes and 1 Not Present.

GRANT APPLICATION MANUAL DEVELOPMENT

Vice-Chairman Held made a motion that the Commission authorize the Executive Director to move forward with the development of the grant application manual in accordance with the other direction given for the grant cycle planning, with second from Commissioners Biesemeyer.

Chairman Jacobs called for a roll call vote on the motion:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Brian Biesemeyer	Aye
Shelley Blackmore	Aye
William Schock	Not Present
Tina Thompson	Aye
Stephen Turcotte	Aye

The motion passed with 6 Aye votes and 1 Not Present.

CALL TO THE PUBLIC

Chairman Pat Jacobs made a call to the public.

Supervisor Harry Oberg, Yavapai County Board of Supervisors addressed the Commission.

Lynn Whitman, Yavapai County Flood Control District addressed the Commission.

Chairman Jacobs requested the to place the Kirkland Restoration of Proper Stream Channel Characteristics Project on the agenda for an informational discussion at the next Commission meeting.

CALL FOR FUTURE AGENDA ITEMS

Chairman Jacobs made a call for future agenda items. Proposed future agenda items included:

- AWPf Meeting Minutes format discussion
- Kirkland Restoration of Proper Stream Channel Characteristics Project on the agenda for informational discussion

FUTURE MEETING DATE(S)

Chairman Jacobs selected June 14, 2022 as the next AWPf Commission meeting date.

ADJOURN

Vice-Chairman Held made a motion to adjourn, with a second from Commissioner Turcotte. The meeting adjourned at 12:35 p.m.

SAMPLE

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EXECUTIVE SUMMARY

From 1995 to 2022, the Arizona Water Protection Fund Commission (Commission) has supported 243 projects and awarded nearly \$48 million toward the restoration, protection and enhancement of river and riparian resources in Arizona. As a result, Arizona citizens have realized many benefits from these investments through improvements in water quality, in-stream flows/water supplies, biodiversity, fish and wildlife habitat, recreation, flood control and overall watershed functionality and sustainability. In addition, important socioeconomic benefits such as jobs and revenue streams are realized by many local communities through the implementation of Arizona Water Protection Fund (AWPF) projects.

The Water Protection Fund balance on July 1, 2021 was \$2,138,670. Deposits into the fund for Fiscal Year (FY) 2022 included a \$1,250,000 appropriation from the General Fund in the Arizona Department of Water Resources budget. The fund balance as of June 30, 2022 was \$XXXXXX.

At the beginning of Fiscal Year (FY) 2022, 12 AWPF grant projects were being implemented across the State. With available funds and appropriations provided by the Legislature for FY 2022, the Commission was able to offer a grant cycle that resulted in the receipt of 12 grant applications and \$780,911 being awarded to six projects. Throughout the fiscal year, AWPF staff continued to provide technical support to current AWPF grantees through the administration and project management of 18 grant award projects. Three grant award contracts were terminated, and three projects were closed out in Cochise, Yavapai, and Coconino Counties.

At the end of FY 2022 there were 12 active grant projects in Coconino (five, with one jointly taking place in Mohave County), Graham (2), Gila (2), Maricopa, Pinal, and Yavapai Counties. These projects are focused on implementing water conservation measures, removal and/or treatment of invasive vegetation, native riparian habitat restoration and enhancement, enhancing degraded stream, wet meadow, and wetland resources, conducting scientific research, and enhancement of upland habitats for watershed improvement and health.

During the fiscal year two new appointments were made to AWPF Commission. The AWPF Commission included a total of 12 members at the end of FY 2022, with one vacancy.

ARIZONA WATER PROTECTION FUND CREATION AND PURPOSE

The 1994 Arizona Legislature established the Arizona Water Protection Fund, and the Arizona Water Protection Fund Commission to administer the AWPF (A.R.S. § 45-2101 *et seq.*). In passing the enabling legislation, the Legislature declared that the policy of the State is to provide for a coordinated effort between State funding and locally-led solutions for the restoration and conservation of this State's rivers, streams and associated riparian habitats, including fish and wildlife resources that are dependent on these important habitats.

The primary purpose of the AWPf is to provide an annual source of funds for the development and implementation of measures to protect water of sufficient quality and quantity to maintain, enhance and restore rivers, streams and associated riparian resources consistent with existing water law and water rights. The Commission may also provide funding to develop and protect riparian habitats in conjunction with a man-made water resource project if the project directly or indirectly benefits a river or stream and includes or creates riparian habitat. The Commission, supported by staff from the Arizona Department of Water Resources (ADWR), solicits, reviews, and awards grants to any person, State agency, or political subdivision to implement local on-the-ground solutions to improve our State's rivers, streams, and watersheds.

PROGRAM ORGANIZATION

Arizona Water Protection Fund Commission

The 13-member Commission is the main policy-making body for the AWPf. The Commission is composed of nine voting members who, by statute, must be Arizona residents who represent a variety of land, water use, and socioeconomic perspectives. There are two non-voting ex officio members – the Director of the Arizona Department of Water Resources and the Commissioner of the Arizona State Land Department; and two non-voting advisory members – one from the Arizona State House of Representatives and one from the Arizona State Senate.

During Fiscal Year (FY) 2022, the AWPf Commission held three business meetings. Due to federal, state, and local protocols related to COVID-19, all Commission meetings in FY 2022 were held virtually.

This fiscal year included two new appointments in Commission membership. Commissioner Tina Thompson, affiliated with the Wilcox-San Simon Natural Resource Conservation District, was appointed in February 2022 to replace Commissioner Paul Brick, whose appointment term expired. Commissioner John Ladd, affiliated with the Hereford Natural Resource Conservation District, was appointed in February 2022 following the passing of Commissioner Lucinda Earven.

A list of current Commission members and vacancies as of June 30, 2022 is provided in Table 1.

Arizona Water Protection Fund Administration

ADWR provides the primary technical, legal, and administrative staff to the Commission. The AWPf program is managed by its Executive Director. Staffing for the program during FY 2022 included the Executive Director and ADWR legal counsel, with administrative support provided by the ADWR legal division.

FISCAL YEAR 2022 ACCOMPLISHMENTS

At the beginning of FY 2022, 12 AWPf grant projects were being implemented across the State. With available funds and appropriations provided by the Legislature for FY 2022, the Arizona Water Protection Fund Commission (Commission) was able to offer a grant cycle. A grant application workshop webinar was held on July 28, 2021, that had a total of 13 participants. Staff also provided pre-application technical assistance to members of the public and potential grant applicants through a total of seven scheduled grant application consultations, and numerous phone calls and e-mail inquiries.

The AWPf received a total of 12 grant applications for FY 2022 with \$1,430,577 in funding requested. Following a one-day Commission meeting and grant application presentations in November 2021, the Commission awarded funding to six projects totaling \$780,911. The projects funded in FY 2022 are identified below. From January 2021 to the end of the fiscal year, AWPf staff continued to provide technical support to current AWPf grantees through the administration and project management of 18 grant award projects. Three grant award contracts were terminated, and three projects were closed out in Cochise, Coconino, and Yavapai Counties. Details regarding these projects can be found below.

Other activities completed by staff included coordination with the ADWR legislative liaison and appointing officials on filling AWPf Commission member vacancies; responding to public records requests pertaining to the AWPf program; continued updates and maintenance of the AWPf program website and project tracking database; participating in the Arizona Cross Watershed Network steering committee; drafting ADWR's Watershed Improvement Program annual report; and successfully implementing the transition to an electronic grant application submittal process via the eCivis grant management system.

AWPf staff and Commission members continued implementing social distancing guidelines and operating in the virtual meeting environment, with business activities accomplished through the State of Arizona and ADWR's support of teleworking opportunities and Webex virtual meetings.

Table 1. Arizona Protection Fund Commission Members as of June 30, 2022.

Commission Member / Affiliation	Statutory Category Represented	Appointing Authority
Pat Jacobs* Central Arizona Project	Multi-County Water Conservation District	District Governing Board
Rodney J. Held** Salt River Project	Agricultural Improvement District	Governor
Brian K. Biesemeyer City of Scottsdale	Member of the Public – B.S.in Hydrology – City Served by the Central Arizona Project	Governor
Shelley Blackmore Triangle Natural Resource Conservation District	Natural Resource Conservation District	Senate President
John Ladd Hereford Natural Resource Conservation District	Natural Resource Conservation District	Speaker of the House of Representatives
William Schock Santa Cruz Natural Resource Conservation District	State Association of Natural Resource Conservation Districts	Governor
Tina Thompson San Pedro Natural Resource Conservation District	Natural Resource Conservation District	Senate President
Stephen Turcotte Winkelman Natural Resource Conservation District	Natural Resource Conservation District	Speaker of the House of Representatives
VACANT	Indian Tribe	Inter Tribal Council of Arizona
Thomas Buschatzke Director Department of Water Resources	Non-voting Ex Officio Member	Arizona Revised Statutes § 45-2103(A)(7)
Lisa Atkins State Land Commissioner State Land Department	Non-voting Ex Officio Member	Arizona Revised Statutes § 45-2103 (A)(7)
The Honorable Sine Kerr AZ Senate	Non-voting Advisory Member	Senate President
The Honorable David L. Cook AZ House of Representatives	Non-voting Advisory Member	Speaker of the House of Representatives

*Chair, **Vice-Chair

Grant Projects Completed in Fiscal Year 2022

19-193WPF: Verde River-Oak Creek Confluence Habitat Improvement Project

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
199	Friends of the Verde River	Yavapai	\$292,451	December 31, 2021

Project Description:

The project area spanned a total of 275 riparian acres within a 4.1-mile river reach located around the Verde River and Oak Creek confluence and was implemented on Coconino National Forest lands. Work took place along a 1.4-mile upstream reach of Oak Creek; a 0.5-mile reach upstream of the confluence on the Verde River; and a 2.7-mile reach on the Verde River downstream of the confluence. Crews completed work within the 16-acre area targeted for initial vegetation removal by treating multiple stands of giant reed and tamarisk using the cut stump method and an herbicide mixture including the chemicals imazapyr and glyphosate. Initial vegetation treatments included 5.7 acres of giant reed and 1.7 acres of tamarisk. Retreatments of invasive vegetation throughout the remainder of the project area included removing approximately 1.5 acres of Tree of Heaven, 13,114 stalks of giant reed, and 4,236 stems of tamarisk. Work activities also included cutting, hauling, and chipping tamarisk and giant reed, pulling regrowth of Tree of Heaven with a 77-acre targeted project area. In addition to vegetation treatments, the Grantee also implemented short-term and long-term monitoring of initial and previously treated areas of the Verde River and Oak Creek confluence.

One volunteer event was held to prepare a large stand of giant reed for treatment and improve a trail in the project area. Nine volunteers contributed 27 hours to the project. Due to the Covid-19 pandemic, the Grantee was unable to hold a second volunteer event as planned.

19-194WPF: Davis Cattle Co. Grassland Restoration

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
200	Arizona Association of Conservation Districts	Cochise	\$341,626	March 31, 2022

Project Description:

The 5,345-acre grassland restoration project intended to restore mesquite-invaded grasslands on the headwaters of Government Draw Wash, which flows into the San Pedro River, and the headwaters of Gadwell Canyon, which flows into Whitewater Draw. Invasive mesquite was treated using an aerial application of Sendero, Remedy Ultra herbicides. The planned treatment area included 2,527 acres of private land, and 2,818 acres of Arizona State Trust lands. Treatment of the entire 5,345-acre project area was to be cost-shared between AWPF and Natural Resource Conservation Service Environmental Quality Incentives Program funds. Prior to treatment, ten 1/10-acre plots were selected for monitoring and data were collected on numbers of live and dead mesquites, estimated live canopy cover, and estimated ground cover. These estimates were repeated in September 2019, October 2020, and August 2021 to track effects of herbicide on tree mortality. Two additional plots were selected to monitor changes in understory species frequency and dry weight composition, ground cover, and fetch, and data were collected in 2019, 2020, and 2021. Preliminary results showed the average percentage of mesquite trees killed was 61%.

However, this figure varied from 17% to 100% across the 10 plots. It was also noted that the percentage of kill was higher on ecological sites with heavier soil texture than on sandier sites. Davis Cattle Co. will continue implementing grazing management of the treated areas over a 5-year period following aerial herbicide treatments.

19-197WPF: Bill Williams Mountain Forest and Watershed Restoration Project

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
203	National Forest Foundation	Coconino	\$315,000	June 30, 2021

Project Description:

In 2016 the Kaibab National Forest (KNF) approved the Bill Williams Mountain Restoration Project due to high risk of catastrophic wildfire, and the restoration plan called for treatments on 15,000 acres on Bill Williams Mountain to protect watershed and forest health, and the local community. The purpose of this AWPF project was to reduce tree densities and biomass fuels at the top of Bill Williams Mountain to help minimize risk from catastrophic wildfire, as well as prevent post-fire flooding and subsequent debris flows.

In this phase of the Bill Williams Project, the Grantee used AWPF funds to focus tree thinning treatments on 200 of the highest priority acres on Bill Williams Mountain, located at the very top of the watershed, on the steepest slopes with extremely dense forest cover. Support from the AWPF was leveraged with funding from Federal, County, State, and Municipal governments, as well as private foundations. Overall, the project treated 300 high priority steep slope acres on the mountain and removed over 6,000 tons of excess fuel to reduce fire risk and improve forest resiliency. Remote sensing modeling conducted as part of this project showed a 60% decrease in crown fire activity, and fire behavior post-treatment largely shifted from crown to surface fire, with no active crown fire predicted post-treatment under extreme fire weather conditions.

Active Grant Projects in Fiscal Year 2022

20-202WPF: Gila Valley Irrigation District System Optimization Phase I

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
208	Gila Valley Irrigation District	Graham	\$623,702	September 30, 2024

Project Description:

The Gila Valley Irrigation District (GVID) will modernize the lateral gate water delivery system on two of its canals, Smithville and Dodge-Nevada, to increase on-farm irrigation efficiency and improve environmental flow conditions. The specific objective of the project is to implement improvements on 58 lateral gates along the two canals to provide improved sediment and water level control, flow control, and flow measurement. The modernization of these canal delivery systems will allow for future canal automation projects and on-farm water conservation projects that may have the potential to improve water quality in the Gila River. The project intends to improve the Gila Valley Irrigation District's operational efficiency and available flows at turnouts for on-farm deliveries, increase the efficiency of individual irrigators, and conserve water for downstream users.

20-204WPF: Winkelman Natural Resource Conservation District Riparian Restoration

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
210	Winkelman Natural Resources Conservation District	Pinal	\$205,844	March 31, 2024

Project Description:

The Winkelman Natural Resource Conservation District (WNRCD) will 1) remove tamarisk along the Gila River on approximately 17 acres of the General Kearny Sheriff's Mounted Posse of Pinal County property; 2) remove tamarisk along the Gila River on approximately three acres of the DuBoise Ranch private property; 3) revegetate approximately 105 acre riparian corridor on Town of Kearny property where tamarisk is currently being removed by other project partners, and 4) create a Tamarisk Management Plan for the WNRCD outlining future tamarisk treatment methods, priority restoration sites, revegetation goals, and monitoring. All three project areas to be restored as part of the grant will be revegetated with native trees and shrubs, monitored, and re-treated for tamarisk as necessary for the duration of the project. Long-term maintenance of these three restoration sites and future projects will be outlined in the WNRCD Tamarisk Management Plan.

20-205WPF: Upper, Middle, and Lower Fossil Creek Invasive Plant Removal

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
211	National Forest Foundation	Gila	\$98,662	May 7, 2025

Project Description:

The project area spans a total of approximately 1,300 riparian acres on both sides of Fossil Creek within a 16.8-mile river reach located from lower Fossil Creek to the springs on Coconino and Tonto National Forest lands. Within all three reaches of the Wild & Scenic Fossil Creek, the National Forest Foundation and the Friends of the Verde River will partner to implement an invasive species management project focusing on monitoring and treatment of invasive plant species in the middle and lower reaches of Fossil Creek, including tamarisk, Tree of Heaven, giant reed, and Russian olive. In the upper reach, a pilot project consisting of monitoring and treatment of Himalayan blackberry will also be implemented. The overall goals for invasive plant species removal are to eliminate Russian olive and giant reed, and manage tamarisk and Tree of Heaven to less than 10% cover in the riparian corridor.

20-207WPF: Harrenburg Wash Enhancement Project

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
213	Coconino County Parks and Recreation	Coconino	\$129,190	December 31, 2025

Project Description:

Coconino Parks and Recreation will improve the stability, productivity, and habitat quality of Harrenburg Wash, just upstream from its confluence with Pumphouse Wash, both of which are in the Upper Verde River Watershed and are the headwaters of Oak Creek Canyon. The wash and associated wetland habitat have been impacted by several factors including the building, filling, and partial breaching of an existing earthen dam and a relatively large pond that was constructed by a previous landowner and is now causing downstream channel erosion due to high water velocity; previous channel excavations that have initiated channel head cuts and created areas of excess floodplain fill; and the invasion of non-native weed species. To restore Harrenburg Wash the Grantee will implement stream channel improvements, invasive weed treatments, native plant

revegetation, the clean-up and removal of debris and materials from the site, and the construction of a fence along the parking area boundary.

20-208WPF: Paria Beach Riparian Restoration

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
214	Grand Canyon Wildlands Council	Coconino	\$187,699	November 30, 2023

Project Description:

The Grand Canyon Wildlands Council (GCWC) will complete tamarisk control and removal and undertake native phreatophyte revegetation on approximately 4 acres at the Paria Beach site along the Colorado River. GCWC will also assist the National Park Service (NPS) with developing a monitoring program, project site outreach, and curriculum for an onsite outdoor classroom. This project will also assist in further implementing Glen Canyon National Recreation Area's (GLCA) Colorado River Riparian Revegetation Plan. The proposed objectives for meeting the project goals are 1) assist GLCA staff ensure the sufficiency of GLCA riparian restoration guidance; 2) assemble, compile, and assess historic information to guide planning; 3) develop a prioritized restoration, maintenance, and monitoring plan for the site; 4) implement the restoration, maintenance, and monitoring plans; and 5) collaborate with GLCA to achieve effective on-site education and outreach. Ultimately, the project should further inform riparian revegetation in many other settings in the Southwest where tamarisk removal involves large stands, heavily impacted by tamarisk beetle.

20-209WPF: Fort McDowell Yavapai Nation Lower Verde River Riparian Restoration Project

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
215	Fort McDowell Yavapai Nation Environmental Department	Maricopa	\$237,246	November 30, 2022

Project Description:

The Fort McDowell Yavapai Nation (FMYN), Mariposa Ecological and Botanical Consulting, and Morning Dew Landscaping are partners in controlling invasive plant species along ten miles of the Verde River and restoring native vegetation to select areas. This project builds on the current AWPF grant 17-192WPF restoration project along the Lower Verde River and will provide resources to continue to work both up and downstream of the pilot project restoration site.

As part of this project the FMYN proposes to 1) continue to treat known and new populations of giant reed and tree tobacco along the Verde River for two more years; 2) develop invasive species removal & native plant enhancement plans for two new restoration projects; 3) retreat tamarisk in the FMYN pilot project site; 4) implement Phase 2 planting in the pilot project site; 5) conduct initial tamarisk treatment in a new restoration site (Site RM 3.11R), and 6) implement a monitoring program in all restoration areas.

22-210WPF: Verde River Riparian Restoration - Highway 89A to Bignotti Picnic Site

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
216	Friends of the Verde River	Yavapai	\$247,350	December 31, 2024

Project Description:

The Friends of the Verde River propose to collaborate with multiple Verde Watershed Restoration Coalition partners to 1) monitor vegetation treatments along the Verde River project area, 2) initially treat and retreat target non-native invasive plants, and 3) plan and implement landowner outreach and volunteer events to engage the community and educate people about the threats from invasive riparian plants. The project area spans a total of 387 riparian acres on both sides of the Verde River within a 5.9-mile river reach located along Coconino National Forest (CNF), Prescott National Forest (PNF), and on private properties. This project will build upon the work completed and currently underway by Friends of the Verde River and the Verde Watershed Restoration Coalition partners and will take place in the vicinity of previously funded Arizona Water Protection Fund project sites where a mix of initial and retreatment is needed for invasive plant species.

22-211WPF: Little Green Valley Fen Restoration Feasibility Study

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
217	National Forest Foundation	Gila	\$77,003	September 30, 2024

Project Description:

The purpose of the Little Green Valley Fen restoration feasibility study is to gather technical information and expertise needed to develop and implement a plan to restore the wet meadow function of the Little Green Valley Fen (Fen). The objectives of this project are to 1) engage contractor(s) to study feasibility of both form and process-based restoration scenarios for the Fen; 2) gather monitoring data needed to assess condition and trend of the Fen after the installation of a fence enclosure; 3) synthesize the information obtained through objectives 1 & 2; and 4) conduct a workshop/site visit to bring together relevant stakeholders and decide on a path forward. The final products for the project will include a restoration plan for the Fen and proposed budget for the restoration activities.

22-212WPF: The Path to Protection at Oak Creek: Social Trail Rehabilitation for Watershed Health

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
218	Arizona Department of Environmental Quality	Coconino	\$238,980	August 31, 2025

Project Description:

In Oak Creek, a majority of social trails stem from unauthorized parking areas along Highway 89A and are exacerbated by increased visitation which causes soil erosion and transports sediment and E. coli into Oak Creek. In 2020, a joint project with the Arizona Department of Environmental Quality (ADEQ), Natural Channel Design, Arizona Conservation Corps, and the National Forest Foundation rehabilitated 145 unpermitted social trails leading to Oak Creek. The Grantee and its partners will build upon these past efforts by rehabilitating and improving an additional 120 unpermitted social trails along an approximate 12-mile stretch of Oak Creek on lands managed by

the Coconino National Forest, Red Rock Ranger District. The Grantee will also monitor and maintain approximately the 145 trails previously rehabilitated and monitor an additional 55 trails planned for future rehabilitation. Additional project monitoring will include measurements of E. coli contamination, monitoring and photographing pre- and post-decommissioned and improved trails, and modeling the reduction of sediment load levels in Oak Creek. This effort will complete a high-priority, essential project approved in the Oak Creek Watershed Restoration Action Plan and is intended to improve riparian habitat for wildlife and protect stream water quality.

22-213WPF: Dye Ranch Erosion Control and Wetland Improvement Project

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
219	Arizona Game and Fish Department	Coconino	\$76,945	January 31, 2025

Project Description:

The purpose of the Dye Ranch Erosion Control and Wetland Improvement Project is to improve habitat along the ephemeral stream and meadow on Dye Ranch, a 35.92-acre parcel of the Chevelon Canyon Ranches Wildlife Area owned by the Arizona Game and Fish Commission. The project would involve restoration work along the stream channel, including repairing existing head-cuts, and restoring pool and wetland habitat so that they support year-round water. The project intends to reduce erosion, improve water quality, and aid floodplain development by allowing floodwaters to spread out.

22-214WPF: Habitat Restoration in the Gila River Riparian Corridor

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
220	Gila Watershed Partnership of Arizona	Graham	\$97,455	October 31, 2025

Project Description:

The Gila Watershed Partnership of Arizona (GWP) will enhance 75 acres of riparian land along the Upper Gila River and will focus on maintaining previously treated sites (not initially funded by AWPF) to promote native plant establishment and survival in the wake of tamarisk decline. To continue restoring native-dominated plant communities along the river, the GWP is shifting the restoration focus away from primary tamarisk removal and toward active management of these previously treated sites. The project will build upon previous efforts by intensively re-treating 60 acres of tamarisk re-sprouts and secondary weeds to prevent these species from regaining dominance, and planting 15 acres of previously treated land with native species, including both seeds and nursery stock.

22-215WPF: Ravenna & Pampas Grass Control along the Colorado River from Glen Canyon Dam to Diamond Creek

Map #	Grantee	County	AWPF Funding	Contract Expiration Date
221	RiversEdge West	Coconino / Mohave	\$43,178	To Be Determined

Project Description:

This project will take place along the Colorado River within Glen Canyon National Recreation Area (GLCA) and Grand Canyon National Park (GRCA), and is a collaborative effort between the

National Park Service, RiversEdge West, and Mariposa Ecological and Botanical Consulting. This project will involve the mapping and manual removal of Ravenna grass (*Saccharum ravennae*) and pampas grass (*Cortaderia selloana*) populations from Glen Canyon Dam River Mile 15 to Diamond Creek River Mile 225.0 (240 total river miles) and will continue to build on 28 years of invasive species control. This project will involve two river trips in which crews will revisit all known Ravenna and pampas populations mapped between 2012-2020, and continue to map, monitor, and manually remove (i.e., clip all seed heads and dig up plants) all Ravenna grass and pampas grass along the Colorado River.

Grant Award Contracts Terminated in Fiscal Year 2022

19-199WPF: Headwater Stream Restoration: Coyote Springs, Museum of Northern Arizona, Flagstaff

Map #	Grantee	County	AWPF Funding
205	Museum of Northern Arizona / Springs Stewardship	Coconino	\$31,846

The Grantee requested to withdraw the project and terminate the grant award contract due to uncertainty over the potential costs for modifying the legal use designation of the Museum of Northern Arizona's existing water right for water to be used at the project site. No work was completed on the project and no AWPF funds were expended.

19-201WPF: Webber Creek Sediment Control Project

Map #	Grantee	County	AWPF Funding
207	Boy Scouts of America - Grand Canyon Council	Gila	\$166,057.50

The Grantee requested to withdraw the project and terminate the grant award contract due to the contribution of the Boy Scouts of America - Grand Canyon Council's Camp Geronimo property as part of a national bankruptcy settlement for the National Boy Scouts of America organization. No work on the AWPF grant award contract was completed and no AWPF funds were expended.

20-206WPF: Quantifying Benefits for Brush Management on Arizona Rangelands

Map #	Grantee	County	AWPF Funding
212	Arizona Association of Conservation Districts	Multiple	\$50,000

Project Description:

The Grantee requested to withdraw the project and terminate the grant award contract. No AWPF funds were expended.

CONCLUSION

From 1995 to 2022, the Arizona Water Protection Fund Commission has supported 243 projects and awarded nearly \$48 million toward the restoration, protection and enhancement of river and riparian resources in Arizona. The Commission has funded a wide range of projects including stream channel restoration, riparian revegetation, wetland creation/restoration, fencing and other grazing management improvements, upland and watershed restoration, erosion control, conservation education, applied ecological research, and infrastructure improvements to benefit water conservation and wildlife habitat. A complete list of projects and a general project location map are included in Appendix A. Project final reports generated since the inception of the program can be requested from ADWR via a [public records request](#).

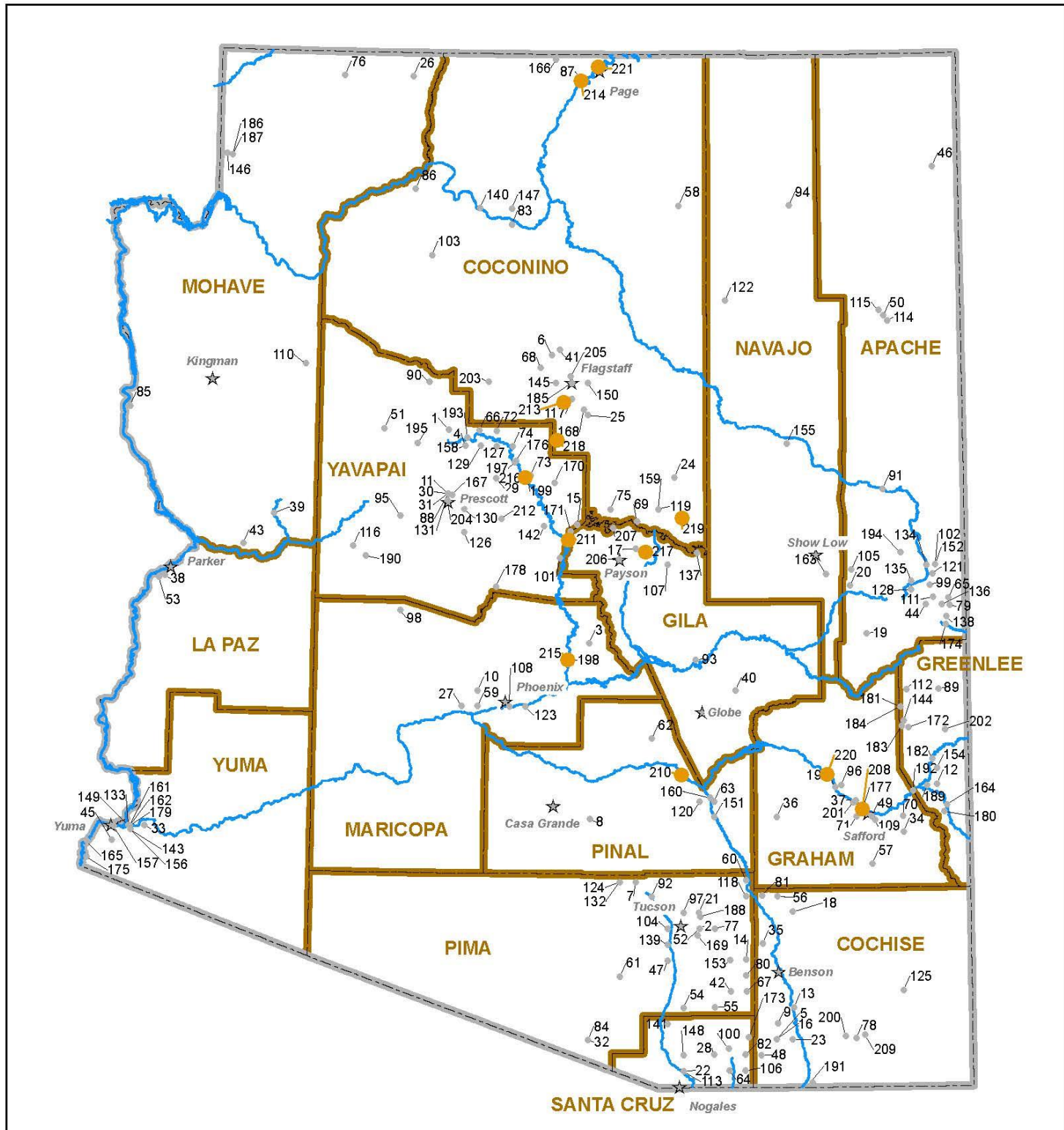
With available funds and appropriations provided by the Legislature for FY 2022, the Commission was able to offer a grant cycle that resulted in the receipt of 12 grant applications and \$780,911 being awarded to six projects. AWPf staff continued to provide technical support to current AWPf grantees through the project management of 18 grant award projects during the fiscal year. A financial statement as of June 30, 2022 is included in Appendix B.

Arizona citizens continue to realize many benefits from the AWPf investments through ongoing improvements in water quality, in-stream flows/water supplies, biodiversity, fish and wildlife habitat, recreation, flood control, and overall watershed health. Not only do communities rely on the State's watersheds and riparian areas for a general water source, but also for recreation, eco-tourism, fishing, hunting, birdwatching, and agricultural operations. The Commission is committed to approving projects that are fiscally responsible and beneficial to the citizens of Arizona and will work to continue making progress toward the restoration, protection, and enhancement of river and riparian resources throughout the State.

APPENDIX A: MAP AND LIST OF AWPf PROJECTS

The following map and list of AWPf projects contain a compilation of grant award projects from 1995 – 2022.

DRAFT



AWPF Project Location*

- Active Projects
- Closed Projects
- ☆ City
- River
- Arizona
- County

0 12.5 25 50 75 100 Miles



Arizona Water Protection Fund Project Locations

*See following map key for project descriptions

GIS Unit
Created on June 1, 2021
Location: U:\Workspaces\Director\WaterProtectionFund\Projects\AnnualReport\Maps\AWPFLocations2022.mxd

Map #	Grant #	Project Title	Grant Amount	County	Project Status
1	95-001	Stable Isotope Assessment of Groundwater and Surface Water Interaction: Application to the Verde River Headwaters	\$21,508	Yavapai	Complete
2	95-002	Partnership for Riparian Conservation in Northeastern Pima County (PROPIMA)	\$78,100	Pima	Complete
3	95-003	Sycamore Creek Riparian Management Area	\$115,522	Maricopa	Complete
4	95-004	Road Reclamation to Improve Riparian Habitat Along the Hassayampa and Verde Rivers	\$45,693	Yavapai	Complete
5	95-005	Preservation of the San Pedro River Utilizing Effluent Recharge	\$333,863	Cochise	Complete
6	95-006	Critical Riparian Habitat Restoration along a Perennial Reach of a Verde River Tributary	\$102,535	Coconino	Complete
7	95-007	High Plains Effluent Recharge Project	\$189,000	Pima	Complete
8	95-008	Picacho Reservoir Riparian Enhancement Project	\$2,400,000	Pinal	Terminated
9	95-009	Regeneration and survivorship of Arizona Sycamore	\$34,617	Cochise	Complete
10	95-010	Assessment of the Role of Effluent Dominated Rivers in Supporting Riparian Functions	\$46,750	Maricopa	Complete
11	95-012	The Comprehensive Plan for the Watson Woods Riparian Preserve	\$33,267	Yavapai	Complete
12	95-014	Gila Box Riparian and Water Quality Improvement Project	\$157,223	Greenlee	Complete
13	95-015	San Pedro RNCA Watershed Rehabilitation/Restoration Project	\$286,000	Cochise	Complete
14	95-016	Refinement of Geologic Model, Lower Cienega Basin, Pima County, Arizona	\$7,390	Pima	Complete
15	95-017	Restoration of Fossil Creek Riparian Ecosystem	\$59,693	Yavapai	Complete
16	95-018	Autecology and Restoration of <i>Sporobolus Wrightii</i> Riparian Grasslands in Southern Arizona	\$53,734	Cochise	Complete
17	95-019	Quantifying Anti-Erosion Traits of Streambank Graminoids	\$14,910	Gila	Complete
18	95-020	Teran Watershed Enhancement	\$142,378	Cochise	Complete
19	95-021	Lofer Cienega Restoration Project	\$161,204	Apache	Complete
20	95-022	Gooseberry Watershed Restoration Project	\$126,406	Apache	Complete
21	95-023	Sabino Creek Riparian Ecosystem Protection Project	\$16,385	Pima	Complete
22	95-024	Potrero Creek Wetland Characterization and Management Plan	\$75,300	Santa Cruz	Complete
23	96-0001	San Pedro Riparian National Conservation Area Watershed Protection and Improvement Project	\$89,250	Cochise	Complete
24	96-0002	Completion Phase: Hi-Point Well Project	\$77,844	Coconino	Complete
25	96-0003	Hoxworth Springs Riparian Restoration Project	\$31,545	Coconino	Complete
26	96-0004	Hydrologic Investigation & Conservation Planning: Pipe Springs	\$50,000	Mohave	Complete
27	96-0005	Tres Rios-River Management and Constructed Wetlands Project	\$1,000,000	Maricopa	Complete
28	96-0006	Hydrogeologic Investigation of Groundwater Movement and Sources of Base Flow to Sonoita Creek and Implementation of Long-Term Monitoring Program	\$155,715	Santa Cruz	Complete
29	96-0007	Ash Creek Riparian Protection Project	\$19,248	Yavapai	Complete
30	96-0008	Watson Woods Vegetation Inventory	\$16,115	Yavapai	Complete
31	96-0009	Watson Woods Riparian Preserve Visitor Management	\$8,556	Yavapai	Complete
32	96-0010	Rehabilitating the Puertocito Wash on the Buenos Aires National Wildlife Refuge.	\$83,432	Pima	Complete
33	96-0011	Lower Colorado River - Imperial Division Restoration	\$435,928	Yuma	Complete
34	96-0012	Eagle Creek Watershed and Riparian Stabilization	\$80,626	Graham	Complete
35	96-0013	Happy Valley Riparian Area Restoration Project	\$64,697	Cochise	Complete
36	96-0014	Klondyke Tailings Response Strategy Analysis (RSA)	\$77,614	Graham	Complete

Map #	Grant #	Project Title	Grant Amount	County	Project Status
37	96-0015	Abandonment of an Artesian Geothermal Well	\$113,360	Graham	Complete
38	96-0016	'Ahakhav Tribal Preserve	\$1,131,477	La Paz	Complete
39	96-0017	Big Sandy River Riparian Project	\$92,000	Mohave	Complete
40	96-0018	San Carlos Spring Protection Project	\$131,540	Gila	Withdrawn
41	96-0019	Response of Bebb Willow to Riparian Restoration	\$33,752	Coconino	Complete
42	96-0020	Cienega Creek Stream Restoration	\$210,700	Pima	Complete
43	96-0021	Riparian Vegetation and Stream Channel Changes Associated with Water Management along the Bill Williams River	\$14,788	Mohave	Complete
44	96-0022	Saffell Canyon and Murray Basin Watershed Restoration Project	\$24,316	Apache	Complete
45	96-0023	Watershed Restoration at the Yuma Conservation Gardens	\$31,050	Yuma	Complete
46	96-0025	Tsaile Creek Watershed Restoration Demonstration	\$152,775	Apache	Complete
47	96-0026	Riparian Restoration on the San Xavier Indian Reservation Community	\$591,319	Pima	Complete
48	97-027	Lyle Canyon Allotment Riparian Area Restoration Project	\$60,359	Cochise	Complete
49	97-028	Creation of a Reference Riparian Area in the Gila Valley – Discovery Park	\$182,000	Graham	Complete
50	97-029	Demonstration Enhancement of Riparian Zone and Stream Channel along stretch of Pueblo Colorado Wash at Hubbell Trading Post	\$91,110	Apache	Complete
51	97-030	Walnut Creek Center for Education and Research - Biological Inventory	\$50,580	Yavapai	Complete
52	97-031	Lincoln Park Riparian Habitat Project (a.k.a. Atturbury Wash Project)	\$154,580	Pima	Complete
53	97-032	'Ahakhav Tribal Preserve - Deer Island Revegetation	\$228,800	La Paz	Complete
54	97-033	Proctor Vegetation Modification	\$11,487	Pima	Complete
55	97-034	Oak Tree Gully Stabilization	\$42,491	Pima	Complete
56	97-035	Watershed Improvement to Restore Riparian & Aquatic Habitat on the Muleshoe Ranch CMA	\$128,315	Cochise	Complete
57	97-036	Stable Isotopes as Tracers of Water Quality Constituents in the Upper Gila River	\$27,338	Graham	Complete
58	97-037	Talastima (Blue Canyon) Watershed Restoration Project	\$310,192	Coconino	Complete
59	97-038	Tres Rios Wetlands Heavy-Metal Bioavailability and Denitrification Investigation	\$117,028	Maricopa	Complete
60	97-040	Bingham Cienega Riparian Restoration Project	\$84,679	Pima	Complete
61	97-041	Altar Valley Watershed Resource Assessment	\$88,730	Pima	Complete
62	97-042	Queen Creek Restoration & Management Plan	\$207,595	Pinal	Complete
63	97-044	San Pedro River Preserve Riparian Habitat Restoration Project	\$336,127	Pinal	Complete
64	97-045	Santa Cruz Headwaters Project	\$100,445	Santa Cruz	Complete
65	98-046	EC Bar Ranch Water Well Project	\$20,300	Apache	Complete
66	98-047	Upper Verde Adaptive Management Unit	\$115,300	Yavapai	Complete
67	98-049	Empire/Cienega/Empirita Fencing Project	\$54,850	Pima	Complete
68	98-050	Watershed Restoration of a High-Elevation Riparian Community	\$304,775	Coconino	Complete
69	98-051	Evaluation of <i>Carex</i> Species for Use in Riparian Restoration	\$47,907	Coconino	Complete
70	98-052	Tritium as A Tracer of Groundwater Sources and Movement in The Upper Gila River Drainage	\$41,028	Graham	Complete
71	98-054	Fluvial Geomorphology Study and Demonstration Projects to Enhance and Restore Riparian Habitat on The Gila River from The New Mexico Border	\$449,872	Graham	Complete
72	98-055	Horseshoe Allotment: Verde Riparian Project II	\$82,561	Yavapai	Complete

Map #	Grant #	Project Title	Grant Amount	County	Project Status
73	98-057	Upper Verde Valley Riparian Area Historical Analysis	\$44,019	Yavapai	Complete
74	98-058	Effects of Removal of Livestock Grazing on Riparian Vegetation and Channel Conditions of Selected Reaches of the Upper Verde River	\$116,500	Yavapai	Terminated
75	98-059	Verde River Headwaters Riparian Restoration Demonstration Project	\$204,629	Coconino	Complete
76	98-061	Watershed Enhancement on the Antelope Allotment	\$137,307	Mohave	Complete
77	98-062	Partnership for Riparian Conservation in Northeastern Pima County II	\$54,734	Pima	Complete
78	98-066	Hay Mountain Watershed Rehabilitation	\$116,525	Cochise	Complete
79	99-067	EC Bar Ranch Wildlife Drinker Project	\$30,500	Apache	Complete
80	99-068	Lower Cienega Creek Restoration Evaluation Project	\$83,272	Pima	Complete
81	99-069	Riparian and Watershed Enhancements on the A7 Ranch - Lower San Pedro River	\$521,197	Cochise	Complete
82	99-070	Lyle Canyon Allotment Riparian Area Restoration Project --- Phase 2	\$214,211	Santa Cruz	Complete
83	99-071	Protection of Spring and Seep Resources of The South Rim, Grand Canyon National Park by Measuring Water Quality, Flow and Associated Biota	\$238,953	Coconino	Complete
84	99-072	Leopard Frog Habitat and Population Conservation at Buenos Aires National Wildlife Refuge	\$120,485	Pima	Terminated
85	99-073	Colorado River Nature Center Backwater ---- Phase 2	\$41,500	Mohave	Complete
86	99-074	Proposal to Inventory, Assess and Recommend Recovery Priorities for Arizona Strip Springs, Seeps and Natural Ponds	\$101,856	Coconino	Complete
87	99-075	Glen and Grand Canyon Riparian Restoration Project	\$371,285	Coconino	Complete
88	99-076	Watson Woods Preserve Herpetological Interpretive Guide and Checklist	\$31,255	Yavapai	Complete
89	99-077	Blue Box Crossing	\$150,000	Greenlee	Complete
90	99-078	Aquifer Framework and Ground-Water Flow Paths in Big and Little Chino Basins	\$188,140	Yavapai	Complete
91	99-079	Little Colorado River Riparian Restoration Project	\$404,587	Apache	Complete
92	99-080	Cortaro Mesquite Bosque	\$486,650	Pima	Terminated
93	99-083	Cherry Creek Enhancement Demonstration Project	\$263,225	Gila	Complete
94	99-084	Assessments of Riparian Zones in the Little Colorado River Watershed	\$79,443	Navajo	Complete
95	99-085	Kirkland Creek Watershed Resource Assessment	\$131,430	Yavapai	Complete
96	99-086	Abandonment of Gila Oil Syndicate Well #1	\$333,790	Graham	Complete
97	99-087	Rillito Creek Habitat Restoration Project	\$293,000	Pima	Withdrawn
98	99-088	Wickenburg High School Stream Habitat Creation	\$69,100	Maricopa	Complete
99	99-089	Town of Eagar/Round Valley Water Users Association Pressure Irrigation Feasibility Study & Preliminary Design	\$320,540	Apache	Complete
100	99-090	Redrock Riparian Improvement	\$62,350	Santa Cruz	Terminated
101	99-091	Effects of Livestock Use Levels on Riparian Trees on the Verde River	\$41,417	Yavapai	Complete
102	99-092	Little Colorado River Enhancement Demonstration Project	\$348,627	Apache	Complete
103	99-093	Coconino Plateau Regional Water Study	\$134,200	Coconino	Complete
104	99-094	Santa Cruz River Park Extension	\$434,684	Pima	Withdrawn
105	99-095	Brown Creek Riparian Restoration	\$34,037	Apache	Complete
106	99-096	Upper Santa Cruz Watershed Restoration	\$184,950	Santa Cruz	Withdrawn

Map #	Grant #	Project Title	Grant Amount	County	Project Status
107	99-097	Dakini Valley Riparian Project	\$66,130	Gila	Terminated
108	99-098	Rio Salado Habitat Restoration Project	\$950,408	Maricopa	Complete
109	00-099	Gila Reference Riparian Area, Discovery Park	\$152,850	Graham	Withdrawn
110	00-100	Willow Creek Riparian Restoration Project	\$33,480	Mohave	Complete
111	00-101	Murray Basin and Saffell Canyon Watershed Restoration Project	\$260,727	Apache	Complete
112	00-102	Upper Eagle Creek Restoration on East Eagle Allotment of Four Drag Ranch	\$66,330	Greenlee	Complete
113	00-103	Riparian Restoration on the Santa Cruz River - Santa Fe Ranch	\$49,008	Santa Cruz	Complete
114	00-104	Continued Enhancement of Pueblo Colorado Wash at Hubbell Trading Post National Historic Site	\$69,349	Apache	Complete
115	00-105	Hubbell Trading Post Riparian Restoration with Treated Effluent	\$81,951	Apache	Complete
116	00-106	Tres Alamos Ranch Dirt-Tanks-To-Aquatic-Habitat Conversion	\$69,220	Yavapai	Complete
117	00-108	Lake Mary Watershed Streams Restoration Project	\$253,119	Coconino	Complete
118	00-109	Lower San Pedro Watershed Project	\$249,871	Pima	Complete
119	00-110	Upper Fairchild Draw Riparian Restoration	\$35,515	Coconino	Complete
120	00-111	Cooperative Grazing Management for Riparian Improvement on the San Pedro	\$228,701	Pinal	Complete
121	00-112	Town of Eagar/Round Valley Water Users Assoc. - Additional Mapping for Water Quality Improvements in the Watershed	\$151,829	Apache	Complete
122	00-113	Polacca Wash Grazing Management	\$267,511	Navajo	Terminated
123	00-114	The Papago Park Green Line Project	\$229,152	Maricopa	Complete
124	00-115	Tucson Audubon Society North Simpson Farm Riparian Recovery Project	\$127,409	Pima	Complete
125	03-116	Cottonwood Creek Restoration	\$185,772	Cochise	Complete
126	03-117	Lynx Creek Restoration at Sediment Trap #2	\$179,771	Yavapai	Complete
127	03-118	Verde River Riparian Area Partnership Project	\$111,221	Yavapai	Withdrawn
128	03-119	Wet Meadows for Water Quality and Wildlife - A Riparian Restoration Project	\$137,027	Apache	Complete
129	04-120	Verde Headwaters 3-D Hydrogeological Model Framework and Visualization	\$46,634	Yavapai	Complete
130	04-121	Lynx Creek Restoration	\$266,020	Yavapai	Complete
131	04-122	Watson Woods Riparian Preserve Restoration Feasibility Project	\$183,523	Yavapai	Complete
132	04-123	Tucson Audubon Society, Santa Cruz River Habitat Project, North Simpson Site, Phase 2	\$130,786	Pima	Complete
133	04-124	Yuma East Wetlands Riparian Revegetation Project	\$285,878	Yuma	Complete
134	05-125	Wilkins' Family Little Colorado River Riparian Enhancement Project	\$293,618	Apache	Complete
135	05-126	X Diamond Ranch LCR Riparian Enhancement Project	\$352,119	Apache	Complete
136	05-127	EC Bar Ranch Reach 8 Water Well and Drinker Project	\$22,235	Apache	Complete
137	05-128	Canyon Creek Riparian Restoration Project, Reach 4-5	\$106,919	Gila	Complete
138	05-129	Georges Lake Riparian Restoration Project	\$168,636	Apache	Complete
139	05-130	Riparian Restoration on the San Xavier District - Project Two	\$36,353	Pima	Complete
140	05-131	Management & Control of Tamarisk and Other Invasive Vegetation at Backcountry Seeps, Springs and Tributaries in Grand Canyon National Park	\$245,500	Coconino	Complete
141	05-132	Esperanza Ranch Riparian Restoration Project	\$279,411	Santa Cruz	Complete

Map #	Grant #	Project Title	Grant Amount	County	Project Status
142	05-133	Verde Wild and Scenic River Fence Enclosure	\$63,888	Yavapai	Complete
143	05-134	Quechan Indian Nation Yuma East Wetlands Restoration Project - Phase I	\$263,803	Yuma	Complete
144	06-135	Double Circle Ranch Riparian Fencing Project	\$84,448	Greenlee	Complete
145	06-136	The Arboretum at Flagstaff Wetland Habitat Enhancement	\$116,000	Coconino	Complete
146	06-137	Pakoon Springs Restoration Design and Implementation Project	\$262,103	Mohave	Complete
147	06-138	Management and Control of Tamarisk and Other Invasive Vegetation at Backcountry Seeps, Springs, and Tributaries in Grand Canyon National Park - Second Year of Phase II	\$258,397	Coconino	Complete
148	06-139	Coal Mine Fence	\$187,013	Santa Cruz	Complete
149	06-140	Yuma Crossing National Heritage Area Yuma East Wetlands Restoration Project - Phase I	\$256,790	Yuma	Complete
150	07-141	Picture Canyon Rio De Flag Meander Restoration Project	\$330,225	Coconino	Complete
151	07-142	Reduction of Erosion and Sedimentation along the Lower San Pedro River Through Hydrologic Restoration of Modified Ephemeral Washes	\$396,409	Pinal	Complete
152	07-143	Little Colorado River & Nutrioso Creek Riparian Enhancement Project	\$198,996	Apache	Complete
153	07-144	Evaluation of Riparian Habitat and Headcutting on Lower Cienega Creek	\$23,972	Pima	Complete
154	07-145	Kaler Ranch Erosion Control Project, Phase II	\$284,332	Greenlee	Complete
155	07-146	Little Colorado River Project on H-Y Ranch River Property	\$53,000	Navajo	Withdrawn
156	07-147	The Effects of Restoration on Wildlife Recovery at the Yuma East Wetlands Restoration Project	\$68,016	Yuma	Complete
157	07-148	South Channel Phase II Restoration Project	\$603,487	Yuma	Complete
158	07-149	Control of Tamarisk on 12 Miles of the Upper Verde River	\$366,390	Yavapai	Complete
159	07-150	Fairchild Draw Riparian Restoration Project	\$172,674	Coconino	Complete
160	08-151	Test of Riparian Recovery Following Cessation of Groundwater Pumping, Lower San Pedro	\$61,795	Pinal	Complete
161	08-152	AWPF Yuma East Wetlands 68-acre Riparian Revegetation	\$746,667	Yuma	Complete
162	08-153	The Effects of Restoration on Herpetofaunal and Mammalian Community Recovery	\$156,833	Yuma	Complete
163	08-154	Billy Creek Natural Area Riparian Restoration Project	\$248,826	Navajo	Complete
164	08-155	Restoration of the Gila River at Apache Grove	\$744,747	Greenlee	Complete
165	08-156	Cocopah Colorado River Restoration	\$296,708	Yuma	Complete
166	08-157	Paria River Exotic Removal Project - Phase I	\$293,960	Coconino	Complete
167	08-158	Watson Woods Riparian Preserve Restoration Project	\$798,988	Yavapai	Complete
168	08-159	Hoxworth Springs Stream Channel Restoration Project	\$142,543	Coconino	Complete
169	08-160	Atturbury Wash Riparian Stewardship Project	\$390,839	Pima	Complete
170	08-161	Montezuma Well Riparian Pasture Restoration Project	\$296,155	Yavapai	Complete
171	09-162	Middle Fossil Creek Riparian Habitat Protection and Restoration	\$250,348	Gila	Complete
172	09-163	Double Circle Ranch Erosion Control Project	\$35,356	Greenlee	Complete
173	09-164	Babocomari River Riparian Protection Project	\$118,125	Santa Cruz	Complete
174	09-165	Alpine Ranger District Riparian Improvement	\$372,579	Apache	Complete
175	09-166	Hunter's Hole Riparian and Wetland Restoration Project	\$683,345	Yuma	Complete
176	09-167	Tavasci Marsh Wetland Restoration Project	\$374,838	Yavapai	Terminated
177	09-169	Gila River Water Conservation Education Program	\$148,612	Graham	Complete
178	09-171	Black Canyon Riparian Restoration Project	\$291,700	Yavapai	Complete

Map #	Grant #	Project Title	Grant Amount	County	Project Status
179	11-172	Avifaunal and Butterfly (Lepidoptera) Recovery in Restored Wetland and Riparian Habitats	\$100,758	Yuma	Complete
180	11-173	Invasive Weed Control - Gila River Corridor, Greenlee County	\$261,995	Greenlee	Complete
181	11-174	Eagle Creek Riparian Restoration at Filleman Crossing	\$265,776	Greenlee	Withdrawn
182	11-175	E. Coli Reduction on the San Francisco River through Alternative Livestock Water on the Kaler Ranch, Phase II	\$137,594	Greenlee	Complete
183	11-176	Double Circle Ranch Erosion Control Project Phase II	\$36,866	Greenlee	Complete
184	11-177	Eagle Creek Riparian Protection Project	\$136,714	Greenlee	Complete
185	11-179	Inventory of Tamarisk Leaf Beetle and Effects on Riparian Habitat in the Colorado, Verde, Salt and Tonto Rivers	\$141,972	Coconino	Complete
186	11-180	Pakoon Wash and Pakoon Springs Restoration and Enhancement Project	\$306,353	Mohave	Complete
187	11-181	Hidden Slough and Leopard Frog Marsh Restoration in Glen Canyon National Recreation Area , AZ	\$348,901	Mohave	Complete
188	14-182	Arundo Eradication & Riparian Restoration of Sabino and Bear Creek, Tucson, AZ	\$51,262	Pima	Complete
189	14-183	Menges Ranch Water System Maintenance Project	\$28,546	Greenlee / Graham	Withdrawn
190	14-184	Date Creek Riparian Restoration Project	\$147,877	Yavapai	Withdrawn
191	14-185	Horseshoe Draw Flood Control, Restoration and Erosion Mitigation Study and Design Project	\$198,625	Cochise	Complete
192	15-186	Phase Two Gila River Corridor Invasive Weed Control	\$133,338	Greenlee / Graham	Complete
193	15-187	Upper Verde River Habitat Improvement Project	\$169,325	Yavapai	Complete
194	17-188	A&NC Focal Area Watershed Improvement Project	\$303,975	Apache	Complete
195	17-189	Erosion Control to Stabilize Soils and Restore Historic Grasslands in the Upper Verde River Watershed	\$138,183	Yavapai	Complete
196	17-190	River Restoration through Hazardous Fuels and Invasive Species Removal	\$94,903	Graham	Complete
197	17-191	Verde River Habitat Improvement Project	\$246,448	Yavapai	Complete
198	17-192	Lower Verde River Riparian Restoration Project	\$134,571	Maricopa	Complete
199	19-193	Verde River-Oak Creek Confluence Habitat Improvement Project	\$292,451	Yavapai	Complete
200	19-194	Davis Cattle Co. Grassland Restoration	\$341,626	Cochise	Complete
201	19-195	Gila Valley Irrigation District Rapid Appraisal for Modernization	\$32,982	Graham	Complete
202	19-196	Do Native Fish Facilitate the Persistence of Endangered Spikedace by Resuspending Food Particles	\$32,496	Greenlee	Withdrawn
203	19-197	Bill Williams Mountain Forest and Watershed Restoration Project	\$315,000	Coconino	Complete
204	19-198	Granite Creek Corridor Enhancement Master Plan	\$79,401	Yavapai	Complete
205	19-199	Headwater Stream Restoration: Coyote Springs, Museum of Northern Arizona, Flagstaff	\$31,846	Coconino	Withdrawn
206	19-200	American Gulch Channel and Riparian Enhancement	\$202,556	Gila	Complete
207	19-201	Webber Creek Sediment Control Project	\$166,057	Gila	Withdrawn
208	20-202	Gila Valley Irrigation District System Optimization Phase I	\$257,775	Graham	Active
209	20-203	Sandhill Farm Water and Wildlife Conservation Project	\$35,254	Cochise	Complete
210	20-204	Winkelman Natural Resource Conservation District Riparian Restoration	\$205,844	Pinal	Active
211	20-205	Upper, Middle, and Lower Fossil Creek Invasive Plant Removal	\$98,662	Gila	Active

Map #	Grant #	Project Title	Grant Amount	County	Project Status
212	20-206	Quantifying Benefits for Brush Management on Arizona Rangelands	\$50,000	Multiple	Withdrawn
213	20-207	Harrenburg Wash Enhancement Project	\$129,190	Coconino	Active
214	20-208	Paria Beach Riparian Restoration	\$187,699	Coconino	Active
215	20-209	Fort McDowell Yavapai Nation Lower Verde River Riparian Restoration Project	\$237,246	Maricopa	Active
216	22-210	Verde River Riparian Restoration - Highway 89A to Bignotti Picnic Site	\$247,350	Yavapai	Active
217	22-211	Little Green Valley Fen Restoration Feasibility Study	\$77,003	Gila	Active
218	22-212	The Path to Protection at Oak Creek: Social Trail Rehabilitation for Watershed Health	\$238,980	Coconino	Active
219	22-213	Dye Ranch Erosion Control and Wetland Improvement Project	\$76,945	Coconino	Active
220	22-214	Habitat Restoration in the Gila River Riparian Corridor	\$97,455	Graham	Active
221	22-215	Ravenna & Pampas Grass Control along the Colorado River from Glen Canyon Dam to Diamond Creek	\$43,178	Coconino / Mohave	Active

NOTE: The “Grant Amount” column represents the full grant awarded for each project. Some grants have been completed for less money than the amount budgeted, while others have been withdrawn by the grantee or terminated by the Commission prior to expenditure of funds or expenditure of the full grant amount. This column has not been changed to reflect these situations.

APPENDIX B: FINANCIAL STATEMENT

DRAFT

Arizona Water Protection Fund Commission Grant Application Manual



Fiscal Year 2023 Funding Cycle

**ARIZONA WATER PROTECTION FUND
Grant Application Manual
FY 2023 Funding Cycle**

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SECTION I – GENERAL INFORMATION

Introduction

It is declared policy of the legislature to provide for a coordinated effort for the restoration and conservation of the water resources of this state. The Arizona Water Protection Fund (AWPF) is a competitive state grant program that is designed to allow the people of Arizona to prosper while providing funding to interested parties for the development and implementation of measures to protect water of sufficient quality and quantity to maintain, enhance and restore river and riparian resources throughout Arizona (including projects that benefit fish and wildlife that are dependent on these important resources), and measures to increase water availability and supply. The distribution of grant funds from the AWPF is authorized pursuant to A.R.S. § 45-2101 *et seq.* and is overseen by the Arizona Water Protection Fund Commission (Commission). The program is administered through the Arizona Department of Water Resources (ADWR).

The AWPF supports projects that fit the following objectives to meet the program goals:

- Provide identified and measurable benefits to the water resources of Arizona through broad-based local support
- Provide positive, effective examples for other similar projects.
- Advance the field of water conservation knowledge in Arizona.
- Increase public awareness of the function and value of riparian resources in Arizona.

Riparian Habitat is defined as an ecosystem found between aquatic and upland environments that is dependent on the existence of a perennial, intermittent, or ephemeral water source. Soil and vegetation in riparian areas have distinct characteristics that make them different from surrounding areas.

Riparian habitats are vital resource areas that:

- Improve water quantity by storing water in streambanks, which is slowly released to help maintain base flows.
- Improve water quality by trapping sediments from surface water runoff, providing nutrient cycling and increasing streambank stabilization.
- Provide flood control by slowing and absorbing flood waters, resulting in reduced flood damage and increased groundwater storage.
- Provide highly valued recreational opportunities such as fishing, camping, hiking, wildlife viewing and picnicking.
- Sustain high biodiversity of plant and animal species.
- Provide important wildlife habitat such as food, water, shelter, relief, and travel corridors.
- Help stabilize water temperatures for native aquatic species.
- Provide economic benefits by improving water supplies, reducing flood damage, filtering pollutants, and supporting recreational activities.

This manual provides the necessary information for interested parties to submit an application for funding consideration. More information about the AWPF is available on the Commission's web site at www.azwpf.gov.

General Guidelines

Funding Categories

The AWPf typically awards grants under three categories:

- 1) **Capital Projects:** Projects under this category include on-the-ground measures that maintain, enhance, and restore Arizona's river and riparian resources, including projects that benefit fish and wildlife that are dependent on these important resources. Feasibility of design studies are considered capital projects but are only eligible if the applicant (1) requests funding to investigate the feasibility of implementing a specific capital project that is being proposed, (2) develops a detailed implementation plan and budget for the proposed project as part of the feasibility study, and (3) has control and tenure over the proposed project area and the authority to implement the proposed project should it be deemed feasible. Acquisition of Central Arizona Project water or effluent to restore and maintain river and riparian resources may also be considered a capital project. Examples of projects under this category include components that do one or more of the following:

- Demonstrate direct benefits to perennial or intermittent rivers or streams *
- Demonstrate commitment to continued maintenance of proposed enhancements *
- Protect/Restore native riparian vegetation and habitat
- Restore proper hydrologic conditions/functions
- Restore proper stream geomorphology/channel characteristics
- Restore floodplains
- Restore wetlands/backwater areas
- Improve watershed conditions using forest and/or near-stream restoration treatments that improve water quality or increase water quantity
- Protect/Restore habitat needs for fish and wildlife
- Decrease negative impacts of non-native species to riparian areas

* INDICATES FUNDING PRIORITY IN STATUTE

- 2) **Research (Total annual funding limited to 5% of monies received by the AWPf each fiscal year):** Projects under this category include research and data collection measures that are related to maintaining, enhancing, and restoring Arizona's river and riparian resources, including fish and wildlife that are dependent on these important resources. Research projects must be developed using the Scientific Method. Examples of projects under this category include:

- Research that will advance the science of river and riparian restoration in the Southwest
- Research that will advance scientific understanding of fluvial processes and ecosystem characteristics and functions in association with rivers, streams, and wetlands
- Research that will evaluate impacts or values of invasive species in riparian habitat.

- 3) **Water Conservation:** Projects under this category include measures that develop, promote, or implement programs designed to conserve water for a purpose related to maintaining, enhancing, and restoring Arizona's river and riparian resources, including fish and wildlife that are dependent on these important resources. Projects under this category must be located outside of all Active Management Areas.

Eligible Applicants

Any person, organization, local/state/tribal agency, or political subdivision of Arizona may submit an application. Federal agencies are not eligible to receive funding from the AWPf; however, funding can be awarded to projects on federal lands.

Eligible Applications

Grant applications must meet all the following requirements to be considered eligible for evaluation during the FY 2023 grant cycle:

- Administrative costs limited to a maximum of 5% of the total AWPf project funds requested.
- Applicant must have legal and physical access as well as authority to implement the project in the area where the grant tasks are to be performed. After grant awards have been determined, signed cooperative agreements with all parties granting such access and authority, will need to be provided to the AWPf in a timely manner prior to the finalization of any contracts.
- Applicant must provide appropriate documentation that any water to be used in the project is legally and physically available to the applicant for the stated purpose.
- Applicant must demonstrate that vital partnerships, funding, etc. have been committed at the time of the application or submit letters of support from the appropriate entities with a plan to obtain these critical elements prior to grant award.

Ineligible Applications

In accordance with state statutes, funding is prohibited for:

- Purchase of real property/conservation easements
- Projects outside the state of Arizona
- Any project that includes the planting of mesquite, tamarisk or other nonnative high-water usage trees that consume water to a degree that is detrimental to water conservation efforts.
- Remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA), 42 U.S.C. § 9601, or Water Quality Assurance Revolving Fund (WQARF), A.R.S. § 49-281 *et seq.*
- Research projects with funding requests in excess of 5% of the total funds received for the FY 2023 funding cycle.
- Water conservation projects/program applications within one of the five Arizona Department of Water Resources Active Management Areas (AMA).

In accordance with Commission Policy, funding will not be provided for:

- Projects located in areas with elevated levels of environmental contaminants that pose risk of harm to human health or the environment, including hazardous substances, hazardous wastes, petroleum products or Environmental Protection Agency priority toxic pollutants.
- Projects which are required as a result of legal action taken by a regulatory agency, such as ecological mitigation. Applicants must notify the Commission if a proposed project is part of any mitigation effort.

- Projects that are designed to meet wastewater treatment requirements. Proposed projects that create or sustain riparian habitat using treated effluent or recycled water that already meets or exceeds relevant state and federal standards may be considered as long as the project meets the requirements of A.R.S. § 45-2101(B).
- Generally, the Commission does not fund groundwater recharge or recovery projects.

Important Notes

- Administrative costs **must** be limited to a maximum of 5% of the total AWPF project funds requested. Subcontractors or consultants working on your project must also conform to the 5% administrative cost limit if you are paying them out of AWPF funds.
- Payments are made on a cost reimbursement basis. Appropriate documentation (*e.g.*, receipts, invoices, reports, data, and photographs) will be required in order to receive reimbursement.
- Commission/Staff access for inspection and evaluation of the project will be required as a contract condition.
- A final presentation to the commission within 90 days of the contract termination date will be required as a contract condition and will be included as a deliverable within the final reporting task.
- Adequate accounting practices and record keeping will be required.
- Submittal of pertinent information and research gained from all projects will be required.

Grant Cycle Details

FY 2023 Grant Cycle Schedule

The Commission and staff will implement the FY 2023 grant cycle based on the schedule in Table 1*.

Table 1. FY 2023 Grant Application Process Schedule

GRANT APPLICATION PROCESS	TIMELINE
Grant Application Manual Available	No later than July 8, 2022 (on-going)
Application Workshop via Online Webinar	July 13, 2022
Pre-application Consultations (depending on staff availability)	July-August 2022
eCivis Online Grant Application Submittal Portal Available	No later than July 29, 2022 (on-going)
Final Date and Time to Submit Grant Applications	August 26, 2022 at 5:00 PM
45-Day Public Comment Period for Grant Applications	September 14 – October 28, 2022
Staff Review Comments to Applicants / Commission	No later than November 4, 2022
Applicant Presentations / Commission Grant Selections	November 15 – 17, 2022
Applicants Notified of Funding Status	December 2022
Staff Begins Writing Grant Contracts	December 2022 / January 2023

**The Commission reserves the right to adjust this schedule if necessary.*

Grant Application Workshops & Consultations

AWPF staff will provide opportunities for pre-application consultations (as time permits) with potential applicants on a first-come-first-served basis as indicated in Table 1. Due to time constraints, consultations will be limited to a maximum of one hour. Applicants should schedule a consultation as far in advance as possible, and are encouraged to submit a draft application at least one week in advance of the consultation. Consultations will be conducted via teleconference or virtual meeting.

In addition, AWPF staff will conduct a workshop for potential applicants as indicated in Table 2. It is highly recommended that applicants attend a workshop and schedule a pre-application consultation. Past experience has demonstrated that workshop attendance and discussing your proposal with staff could help you develop a better application.

Table 2. FY 2023 Grant Application Workshop

Location	Date	Time
Online Webinar*	July 13, 2022	1:30 p.m. – 2:30 p.m.
Webinar Information		
Link: https://azwater.webex.com/azwater/j.php?MTID=m1c1056dbb4f38318682b15ae924d6a3b		
Webinar Number (Access Code): 2599 224 1253		
Webinar Password: ifNPxMsx469		
Join by Phone: 1-415-655-0001 US Toll (Access Code is same as above)		

***Staff will be providing the grant application workshop via online webinar only.** Please contact the Arizona Water Protection Fund at 602-771-8528 or rteran@azwater.gov with any questions.

Application Due Date

Applications must be submitted online via the eCivis Grant Management System no later than **August 26, 2022 at 5:00 p.m.** as indicated in Table 1. Detailed submission requirements are outlined in Section II – Grant Application. A direct link to the eCivis grant solicitation will be available on the AWPf website at <https://www.azwpf.gov/grant-information/2023>.

Grant Evaluation Process

Applications will be initially reviewed for completeness and consistency with AWPf statutes and policy. Applications that are complete and eligible under statute and Commission policy will be reviewed by AWPf staff in accordance with the evaluation criteria listed below. Other appropriate state and federal agencies may be asked to review and comment on applications. AWPf staff will compile intra-agency and inter-agency comments. Please note that under the following circumstances, applications will not be given further consideration:

- It is determined that the proposed project is ineligible according to AWPf statutes or Commission policy.
- It is determined that the application does not contain all of the required information identified in Section II of this manual.
- It is determined that any part of the application is ineligible for funding.

Application Evaluation

Application evaluation criteria should guide you in the development of your application. Staff will use the criteria listed below to organize their technical reviews and evaluate applications submitted for consideration. Applications that meet many to all of the criteria will rate higher than those meeting few to none of the criteria. **Please note that the evaluation criteria for capital and water conservation projects are different than those used for research projects.**

The Commission shall give priority to applications which:

- Enhance, maintain and/or restore river, stream and riparian resources in headwater streams and watersheds that will provide direct improvements to water quality and/or increase water quantity, addresses degraded watershed health conditions or impacts to perennial streams through implementation of scientifically based restoration projects (see examples of capital projects listed under funding categories).
- Matching monies or assets of comparable value including in kind contributions will be provided by other sources.
- Provide for the continued maintenance of the portion of the river and stream and associated riparian habitat that are enhanced by the project.
- Projects that include broad based local involvement/support.
- Directly benefit perennial or intermittent rivers or streams or that otherwise increase the supply of water.
- If for the purposes of water conservation, the applicant estimates the water increase and/or savings and how this estimate was determined.

Evaluation Criteria for Capital and Water Conservation Projects

- A. Project Will Enhance, Maintain and/or Restore River, Stream, and Riparian Resources (See bullets under capital projects on page 4).
- B. Project Will Benefit Fish and Wildlife Resources Dependent on River, Stream, and Riparian Resources (See bullets under capital projects on page 4).
- C. Feasibility
 - Objectives clearly identified and demonstrate benefits to river, stream and riparian resources / dependent fish and wildlife resources
 - Methodologies and designs clearly presented, appropriate and adequate
 - Clarity and adequacy of the scope of work and deliverables
 - Cost/Benefit compared to similar applications submitted
 - Expertise of applicant/personnel/subcontractors appropriate
 - Description of the relationship between any existing plans, reports and/or information relevant to the proposed project [*required*]. (See Existing Plans/Reports/Information guidance on page 17.)
- D. Monitoring
 - Objectives clearly identified
 - Methods clearly presented, appropriate and adequate to evaluate benefits to rivers, streams, and riparian resources and/or dependent fish and wildlife resources
- E. Other Considerations
 - Add coordinated effort with state or watershed restoration programs
 - Public outreach
 - Project will support local businesses
 - If the applicant is proposing to use out of state consultants, there is adequate justification for their use and associated travel costs

Evaluation Criteria for Research Applications

- A. Research is applicable to river and riparian restoration and or fish and wildlife that are dependent on river and riparian resources
- B. Application demonstrates use of the Scientific Method
 - Background research includes data collection, analysis, and synthesis
 - Data collection will build on existing data, or generate new data
 - Quality literature review provided
 - Hypothesis or hypotheses are clearly articulated
 - Research/experimental design is clearly presented, appropriate and adequate to:
 - Test hypothesis or hypotheses
 - Analyze data and draw conclusions
 - Report results
- C. Feasibility
 - Clarity and adequacy of the scope of work and deliverables
 - Cost of research reflects potential benefits of outcomes

- Expertise of applicant/personnel/subcontractors appropriate
- Description of the relationship between any existing plans, reports and/or information relevant to the proposed project [**required**] – (See guidance on page 17.)

D. Research results may be translatable

E. Proposal includes some form of publication as a deliverable (e.g., intent to publish results in a professional journal, article in a watershed newsletter, other written media) and a commitment to some form of public presentation(s) (e.g., AWPf Commission meeting, watershed group meeting, professional conference, or other peer groups)

F. Other Considerations

- Project will support local businesses
- If the applicant is proposing to use out of state consultants, there is adequate justification for their use and associated travel costs

Applicant Presentations to Commission

Applicants will be given an opportunity to provide a brief (10-15 minute) presentation to the Commission in accordance with the schedule in Table 1. Commission members consider staff reviews, but also use their own judgment when making grant award selections.

Changes to the scope of work during the application process

Once the application has been received by the commission, applicants are not permitted to make changes to the scope of the project during the application process.

Grant Award Notification

Applicants will be notified as to whether they received a grant award as outlined in Table 1. Notification of grant award does not authorize any expenditure of funds. Please see Grant Awards subsection below.

Application Assistance

Please contact the AWPf staff at (602) 771-8528 if you are in need of any assistance with completing or filing a grant application.

Grant Awards

Grant Award Contracts

A grant award by the Commission does not allow you to immediately start your project. Please note that you **cannot be reimbursed** for any project expenditure activities **conducted prior to executing a grant award contract**. Grant awards are implemented through contracts, which may extend up to five years in duration. The Arizona State Constitution prohibits the Commission from giving gifts. Therefore, monies are granted in return for equivalent products. The grant award contract specifies the deliverables, due dates and costs associated with producing those products. The application is structured so that if it is completed correctly, much of the detail for a contract will have already been obtained.

Grant-funded work may only begin after a grant award contract has been finalized and signed by both the applicant and the Commission Chair. For most grant award contracts, expenditures will be reimbursable, which means that you will be responsible for initial payment of costs. AWPf will reimburse your costs based upon actual initial expenditures. Monetary disbursement is in accordance with the details within each contract and is paid out after submittal of complete and accurate deliverables and payment requests. AWPf staff must review and approve these before payment can be processed. Therefore, the grantee must have a sufficient line of credit to fund project activities for some period of time. In some instances, the Commission may authorize a one-time advance payment at the beginning of the grant, up to 20 percent of the total grant amount, but not to exceed \$50,000. Applicants must indicate on the application cover page whether they are requesting an advance payment.

If a grantee proposes minor modifications to a project, such that the purpose (or scope) of the project will be changed, the AWPf Commission will re-evaluate the project and may grant an amendment to the contract after a formal request is made.

If a grant award contract is not executed within 12 months following approval of the grant application by the Commission, the Commission may consider rescinding the grant award.

General Provisions - Grant Award Contract

The contract will contain General Provisions, which are standard contract clauses (Appendix A). **Please have your legal counsel and/or responsible contracting authority review and accept these provisions prior to the submittal of your application.**

Long-Term Maintenance of Project Benefits

The Commission intends that AWPf monies act as “seed money” for putting projects on the ground. The Commission expects grantees to maintain the project beyond the contract period, or that it will develop institutional partnerships to do so. The Commission requires that capital improvements be maintained by the grantee for a period of up to 20 years. Unforeseen acts of nature may substantially alter your project in some future year, and upon notifying the Commission of that occurrence, you may not be required to maintain the capital improvements subsequent to that event.

SECTION II: GRANT APPLICATION

Grant Application Planning and Content Overview

*Indicates an electronic form or template is available.

Application Planning

It is important that application forms are carefully completed with accurate, realistic information. Before developing a grant application, applicants should carefully consider and understand:

- How the project should be structured?
- What are the necessary project components/permits?
- When project components can be completed (realistic timeline)?
- Who the necessary personnel are to complete project components?
- How much each project component will cost to complete?

Application Content Requirements Overview

- 1) Application Cover Page*
- 2) Executive Summary* (500-word maximum)
- 3) Project Overview* (2-page max.)
 - Background
 - Goals
 - Objectives
 - Statement of Problems/Causes (Capital and Water Conservation Projects)
 - Statement of Solutions (Capital and Water Conservation Projects)
 - Statement of Project Years of Benefit to the resource and the general public (Capital and Water Conservation Projects)
- 4) Project Location and Environmental Contaminant Information*
- 5) Scope of work* (preferably in Microsoft word format)
- 6) Detailed Budget Breakdown* (preferably in Microsoft Word or Excel format)
 - Direct Labor & Outside Services Costs
 - Other Direct Costs
 - Capital Outlay & Equipment Costs
 - Administrative Costs
- 7) Detailed Matching Funds Breakdown* (If available for the project. Matching funds are not required.)
 - Direct Labor & Outside Services Costs
 - Capital Outlay & Equipment Costs
 - Administrative Costs
- 8) Project Maps and Schematic
 - Arizona Watershed Map*
 - Project Location/Ownership Map(s)
- 9) Supplemental Information
 - State Historic Preservation Office (SHPO) Review Forms*
 - Key Personnel
 - Project Site Photographs
 - Existing Plans, Reports, Information Relevant to the Project (summary paragraph for each plan/report with relevant portion or full report attached as an appendix)
 - Letters of Community Support
 - Evidence of Control and Tenure of Land including legal access
 - A narrative as to how the applicant will obtain permission for project work and/or access (agreements must be finalized prior to contract finalization)
 - Letters from those pledging matching funds
 - Evidence of Physical and Legal Availability of Water

Grant Application Instructions

Application Submission Requirements

NOTE: Grant applications for FY 2023 are only being accepted electronically via the eCivis Grant Management Software System. A direct link to the eCivis grant application solicitation portal will be available on the AWPf website at <https://www.azwpf.gov/grant-information/2023>. An eCivis application submission users guide is attached as Appendix B to the grant application manual.

Grant applications must include all the information identified in the Application Content Requirements Overview on page 12 and the content uploaded and/or entered into applicable form fields in the eCivis AWPf grant application portal. Specific content requirements and instructions are provided below.

Electronic forms or sample templates (on the AWPf web site at: <https://www.azwpf.gov/grant-information/2023> or in the eCivis AWPf grant application portal) are provided in Microsoft Word format for the Application Cover Page, Executive Summary, Project Overview, Project Location and Environmental Contaminants Information, Scope of Work, Grant Application Budget (in Microsoft Word and Excel), Arizona Watershed Map, and State Historic Preservation Office requirements. If you do not have access to Microsoft Word or Excel, you may recreate the electronic forms using any related software. No electronic forms are provided for the remaining required information.

AWPF prefers that the contents for the grant application uploaded into eCivis for the application are created in Microsoft Word and Excel format to provide ease with contract development should your application be approved for funding. *If .pdf documents are uploaded, please ensure these documents are in an optical character recognition (OCR) format, or are otherwise keyword searchable.*

Grant applications must be submitted via eCivis no later than August 26, at 5:00 p.m. Late applications will not be accepted.

Application Content Requirements

The following instructions should guide you through the application process (Reference the Application Content Requirements Overview on the previous page).

Application Cover Page

Provide the requested information on this form (see sample form on page 21). The project title should be short, yet descriptive of the proposal. *The cover page should be signed by a person who is legally authorized to enter into an agreement on behalf of the applicant.*

Executive Summary (500-word limit)

This section is limited to one page. The executive summary should clearly state the purpose of the proposal and provide a clear overview of all major project features.

Project Overview

Capital and Water Conservation Projects: State the purpose of the project and its general location. Provide any necessary background information for the project, including any relevant history regarding the project area. Identify the overall goal(s) of your project (what you want to achieve), followed by the objectives of your project. Objectives are specific, measurable outcomes of the project. List these objectives in numerical order, with the first objective having the most important outcome. Discuss the problem(s) your proposal is addressing, the cause(s) of these problems, and the solutions that you believe are appropriate. State whether the project will result

in water conservation. State the anticipated number of years of project-related benefit from the project to the resources and the general public, along with a justification for that estimate. For on-going projects, describe the site prior to project initiation, tasks that have been completed and any site changes that have occurred as a result of these activities.

Research and Data Collection Projects: Provide a statement of applicability to river and riparian restoration and/or dependent fish and wildlife. Include any necessary background information for the project such as background research/data collection and analysis or synthesis completed to prepare the current proposal being submitted. Identify if data collection will build upon existing data, or generate new data. If the research is to be place-based (e.g., outside of a laboratory), identify the study area's physical characteristics, including drainage area, channel length, slope, soil type, average annual precipitation, depth to groundwater, gaining or losing reach and any other pertinent information. Also, identify the Ecosystem Service(s) that the proposed research will address (See Table 3).

Project Location and Environmental Contaminants Information

All applicants must provide project location and environmental contaminant information (see page 24).

Scope of Work

For *each* task, please describe in detail the work to be completed, and how it will allow you to accomplish your objectives and achieve your desired results. Tasks should be listed numerically and include the following information:

- Task #:
- Task Title
- Task Description
- Task Purpose/Objective
- Responsible personnel
- Deliverable Description
- Deliverable Due Date
- Task Cost (rounded to the nearest dollar)

General Guidelines

- If applicable, obtaining permits, authorizations, clearances, and access agreements should be the first task. Obtaining the appropriate permits will take longer than generally anticipated; allow more time than what is expected to avoid amendments to deliverable due dates.
- If applicable, development of plans (*e.g.*, re-vegetation, construction, monitoring) should be included as a separate task prior to on-the-ground activity.
- Some tasks continue throughout the contract duration, attempt to make each task separate and payable upon completion.
- The final task must be a final report and oral presentation with an appropriate cost assigned.
- A deliverable is a product submitted to the AWPf demonstrating that work has been completed. Deliverables are often reports, photographs, data, etc. that are submitted along with receipts and invoices for materials and labor.

PROJECT GOALS describe the broad intent of the project.

OBJECTIVES provide additional specificity to the goals.

TASKS are the actual practices implemented to achieve the objective.

MONITORING benchmarks establish a metric by which to measure success of a task in meeting the objective.

Example:

Task 1: Permits, Authorizations, Clearances and Agreements

Task Description: The Grantee must obtain and submit to the Project Manager all permits, authorizations, clearances, and agreements, and perform any consultations necessary to complete the tasks listed in this Scope of Work. These may include but are not limited to:

- State Historic Preservation Office (SHPO) clearance
- National Environmental Policy Act (NEPA) compliance
- Endangered Species Act Section 7 consultation with US Fish & Wildlife Service
- Access agreement(s) between Grantee and Landowner(s) (if different)
- Notice of Intention to Drill (NOI) a well authorization
- Clean Water Act Section 401 Certification from Arizona Department of Environmental Quality
- Clean Water Act Section 404 permit from the Army Corps of Engineers
- Data Collection permit(s) if necessary
- Water right permits if necessary
- Arizona Pollutant Discharge Elimination System (AZPDES) Permit
- Arizona Department of Environmental Quality Pesticide General Permit and filing of Notice of Intent

Task Purpose: To comply with all local, state, and federal permit requirements, environmental laws such as NEPA and obtain legal access to project area.

Deliverable Description: Copies of all approved permits, authorizations, clearances, and agreements.

Deliverable Due Date: Prior to any ground disturbing activities

Responsible personnel: Grantee/administrator, subcontractor, etc.

Reimbursable Cost: \$2,500.00

Project Schematic

Provide a detailed drawing/schematic, preferably to fit/print on 8.5" x 11" paper, for any projects involving construction and/or investigation of physical features. The schematic must include all project features for which funding is being requested or discussed within the proposal (e.g., vegetation treatments, re-vegetation areas, fence lines, water distribution systems, existing or planned well and gage locations, etc.). Planning documents provided by the USDA Natural Resource Conservation Service will be accepted. In addition, identify all important project features located in relationship to one another, and in relation to important site physical features (e.g., streams and other bodies of water). The schematic must include a north arrow, a project title, and the date of preparation. Submit as many drawings as needed to demonstrate all project features.

Detailed Budget Breakdown

Provide a detailed breakdown of your budget by task in a table format (preferably using Microsoft Word or Excel). Divide your Scope of Work tasks (plans, monitoring, construction, reporting, etc.) into Direct Labor Costs, Outside Services Costs, Other Direct Costs, Capital Outlay & Equipment Costs, and Administrative Costs. Please round figures up or down to the nearest dollar. Identify only funds being requested from AWPf in this section. Expenditures not listed may not be eligible for reimbursement unless prior written approval is received from the Commission or Staff.

Direct Labor Costs include the labor costs directly involved with the project (wages, salaries, and fringe benefits of grantee and/or its employees). Direct labor costs must be broken down by job classification (e.g., project scientist, hydrologist, laborer, etc.), and average cost/hour for that job classification.

Outside Services are consultants or subcontractors. Outside services costs must be broken down by job classification (e.g., project scientist, hydrologist, laborer, etc.), and average cost/hour for that job classification.

Other Direct Costs include supplies (e.g., paper and pencils), computer time, per diem, printing, public relations, etc. This should be an estimate of costs incurred over the life of the project as a lump sum, not per item.

Capital Outlay & Equipment Costs includes any equipment or other expenditures (e.g., equipment, materials). Please list anticipated costs for individual major expenditures in excess of \$1,000.00, all other materials/equipment in this section can be summarized as a lump sum by material (i.e., fencing materials \$750.00, backhoe rental \$100.00/hr. for 25 hours = \$2,500.00).

Administrative Costs are management and overhead costs. **By statute, the total administrative costs charged to the AWPf cannot exceed 5% of the total project costs requested from the AWPf.**

Detailed Matching Funds Breakdown

Matching funds are not required to be eligible for AWPf funding; however, projects that do include matching funds typically receive higher consideration. (See Detailed Budget Breakdown above for guidance). A specific form is not provided for matching funds, but you may consider using the AWPf budget template. Please note that matching administration costs are **not** limited to 5% of the total project costs.

Volunteer labor costs should be based on current minimum wage rates; technical volunteer labor can be based on an hourly fee comparable to consulting fees.

Project Locations Map(s) and Schematic

Arizona Watershed Map (see page 23)

Type the project title at the bottom of the map. Indicate the location of your project on the map and ensure that your markings are clearly visible on the electronic copy submitted. In addition, provide a map of the project area with Township(s)/Range(s)/Section(s) clearly identified.

Project Location/Ownership Map(s)

Provide a detailed map(s) to scale that clearly delineates the following information:

- Project location boundaries, including acreage where grant tasks will be performed
- A general description and/or delineation for the area of impact of the project within the watershed.

- Land ownership boundaries, including areas of legal and physical access
- Sources of water to be used in the project

Supplemental Information

State Historic Preservation Office (SHPO) Review Form is mandatory for all projects submitted to the Arizona Water Protection Fund (See pages 25-29). Please complete the form and have signed by an authorized person.

Key Personnel associated with this project must be identified and a Project Coordinator must be designated. Resumes and/or brief biographical sketches describing the relevant qualifications of all key personnel, including subcontractors also must be submitted.

Project Site Photographs for all types of applications must be submitted. Submit at least one set of color photographs of the project area (or color copies) with the electronic and hard copies of your application. Indicate and describe the location of proposed project features on each photo, including compass direction.

Plans for activities such as sampling/monitoring, study/research designs, revegetation efforts, and photographic monitoring must be discussed at a level of detail that will allow AWPf to evaluate whether the activities will be appropriate and adequate. If you receive a grant award, you will be required to submit detailed plans as deliverables. Your application should include a separate task and appropriate budget within the Scope of Work to complete detailed plans and be included on the budget forms. Also, include a description of any equipment related to such efforts to be purchased using AWPf Funds.

Existing Plans/Reports/Information relevant to the project (e.g., Total Maximum Daily Load (TMDL) Reports, Species Recovery Plans, Watershed Assessments, etc.) must be submitted at the time of application for AWPf to consider when evaluating your proposal.

Community Support should be demonstrated in the application. Include signed copies of letters from community organizations and other groups or individuals that support your project. If you are a local government or state agency, you should attach evidence of support from those citizens who lease or hold use-permits for the lands to be impacted by your project. Letters of support for your proposal received after the application deadline will not be considered for evaluation purposes; however, they will be forwarded to the Commission.

Evidence of Control and Tenure of Land must be demonstrated. Applicant must have legal and physical access and authority to manage the area where grant tasks are to be performed. Cooperative agreements with all parties having such access and authority, or letters of support with a plan to obtain cooperative agreements prior to grant award will meet this requirement and must be included.

- **If you own the land on which the proposed project is located**, attach a copy of the appropriate legal document showing title in the name of the applicant, including a legal description of the property.
- **If you manage the land on which the proposed project is located**, attach a copy of the lease, special use permit, intergovernmental agreement, or another appropriate official instrument.

- **If you do not own or manage the land on which the proposed project is located**, attach documentation verifying ownership (as noted above) and attach a copy of the permit, agreement or letter of intent that allows you access to the site.

If the proposed project is located on Arizona State Trust Lands, please be advised that the State Trust Land lessee must submit an application to the Arizona State Land Department for the applicable permit(s) necessary to implement the proposed project. The AWPf grant application must include a letter of support from the State Trust Land lessee that indicates an application for the permit(s) has been submitted for the proposed AWPf project.

Evidence of physical and legal availability of water must be demonstrated. If water resources will be used for any aspect of the project, the water must be physically and legally available to the applicant for the proposed purpose. Provide a projection of the total number of acre-feet per year necessary for the project.

- **If your proposed project uses surface water flows**, attach the appropriate documentation of your surface water right or claim for the intended use at that location.
- **If you do not have a surface water right or claim** for the intended use at that location, attach a copy of the surface water right or claim that you intend to use, as well as a permit, agreement, or letter of intent that allows your use of the water.
- **If your proposed project will require pumping from wells**, submit well registration numbers for existing wells and appropriate groundwater or surface water right documentation. Note: A Notice of Intention to Drill a well is not evidence of a water right.

Additionally, for all proposed and existing wells, state the following:

- Appropriate depth and borehole diameter
- Pump size
- Estimated depth and length of perforated or screened interval
- Well drilling method, if known (*e.g.*, hand-driven well point, auger, mud rotary, etc.)
- Use of water (*e.g.*, water level measurement, water quality monitoring, livestock watering, revegetation)

Well information is available on the Arizona Department of Water Resources web site: <https://new.azwater.gov/permitting-wells>

- **If the proposed project will use effluent**, attach documentation demonstrating the source of the effluent and your authority to use it (*e.g.*, a contract with the wastewater treatment plant or municipal water provider).
- **If the proposed project will use Central Arizona Project (“CAP”) water**, provide documentation demonstrating your authority to use it (*e.g.*, CAP subcontract).

Projects failing to document evidence of control and tenure of land and/or evidence of physical and legal availability of water are ineligible for funding.

Table 3. Ecosystem Services and Functions*

Ecosystem Service	Ecosystem Function(s)	Examples
Disturbance regulation	Capacitance, damping and integrity of ecosystem response to environmental fluctuations	Storm protection, flood control, drought recovery and other aspects of habitat response to environmental variability mainly controlled by vegetation structure
Water Regulation	Regulation of hydrologic flows	Provisioning of water for agricultural (such as irrigation) or industrial (such as milling) processes or transportation
Water supply	Storage and retention of water	Provisioning of water by watersheds, reservoirs and aquifers
Erosion control and sediment retention	Retention of soil within an ecosystem	Prevention of loss of soil by wind, runoff, or other removal processes, storage of silt in lakes and wetlands
Soil formation	Soil formation processes	Weathering of rock and the accumulation of organic material
Biological control	Trophic-dynamic regulations of populations	Keystone predator control of prey species, reduction of herbivory by top predators
Refugia	Habitat for resident and transient populations	Nurseries, habitat for migratory species, regional habitats for locally harvested species, or overwintering grounds
Genetic resources	Sources of unique biological materials and products	Medicine, products for material science, genes for resistance to plant pathogens and crop pests, ornamental species (pets and horticultural varieties of plants)
Climate regulation	Regulation of global temperatures, precipitation, and other biologically mediated climatic processes at global or local levels	Greenhouse gas regulation, DMS production affecting cloud formation
Gas regulation	Regulation of atmospheric chemical composition	CO ₂ /O ₂ balance, O ₃ for UVB protection, and SO ₄ levels
Nutrient cycling	Storage, internal cycling, processing and acquisition of nutrients	Nitrogen fixation, N, P and other elemental or nutrient cycles
Pollination	Movement of floral gametes	Provisioning of pollinators for the reproduction of plant populations
Recreation	Providing opportunities for recreational activities	Eco-tourism, sport fishing and other outdoor recreational activities
Cultural	Providing opportunities for non-commercial uses	Aesthetic, artistic, educational, spiritual, and/or scientific values of ecosystems
Food production	That portion of gross primary production extractable as food	Production of fish, game, crops, nuts, fruits by hunting, gathering, subsistence farming or fishing
Raw materials	That portion of gross primary production extractable as raw materials	The production of lumber, fuel or fodder
Waste treatment	Recovery of mobile nutrients and removal or breakdown of excess or xenic nutrients and compounds	Waste treatment, pollution control, detoxification

*Costanza, R., d' Arge, Ralph, de Groot, Rudolf, Farber, S., Grasso, M., Hannon, B., Limburg, K., Naeem, S., O'Neill, R. V., Paruelo, J., Raskin, R. G., Sutton, P., & van den Belt, M. The value of the world's ecosystem services and natural capital. *Nature* 387, 253 – 258 (1997)

ARIZONA WATER PROTECTION FUND GRANT APPLICATION

FY 2023 Electronic Forms

The subsequent pages include sample templates of the following electronic forms:

- Application Cover Page
- Executive Summary Template
- Project Overview Template
- Project Location and Environmental Contaminant Information
- Scope of Work Template
- Grant Application Budget Templates
- Arizona Watershed Map
- State Historic Preservation Office Review Form

Electronic forms and sample templates are on the AWPf web site at: <https://www.azwpf.gov/grant-information/2023> or in the eCivis AWPf grant application portal. You may use your computer mouse or arrow keys to move through the electronic forms. You may single-click on a form field, or double-click on a check box to enter information. If you are unable to complete these forms electronically, you may print them and hand-write the requested information.

Please note that these forms do not constitute the entire required application package. All information identified in the Application Content Requirements Overview and FY 2023 Grant Application Instructions must be submitted.

Grant Application Checklist

- ☐ Grant Application Cover Page
- ☐ Executive Summary
- ☐ Project Overview
- ☐ Project Location & Environmental Contaminant Form
- ☐ Scope of Work
- ☐ Detailed Budget
- ☐ Matching Funds / Cost Share Budget (if applicable)
- ☐ Maps & Schematics
- ☐ Supplemental Information (State Historic Preservation Office Forms, Watershed/Location Map Form, etc.)

Arizona Water Protection Fund Application Cover Page FY 2023

Title of Project:													
Type of Project: <input type="checkbox"/> Capital or Other <input type="checkbox"/> Water Conservation <input type="checkbox"/> Research	Stream Type: <input type="checkbox"/> Perennial <input type="checkbox"/> Intermittent <input type="checkbox"/> Ephemeral	Your level of commitment to maintenance of project benefits and capital improvements: <input type="checkbox"/> < 5 years <input type="checkbox"/> 5-10 years <input checked="" type="checkbox"/> 11-15 years <input type="checkbox"/> 16-20 years											
Applicant Information: Name/Organization: Address 1: Address 2: City: State: ZIP Code: Phone: Fax: Tax ID No.:		Inside an AMA: Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, which AMA: <input type="checkbox"/> Phoenix <input type="checkbox"/> Tucson <input type="checkbox"/> Prescott <input checked="" type="checkbox"/> Pinal <input type="checkbox"/> Santa Cruz											
Contact Person: Name: Title: Phone: Fax: e-mail:		Type of Application: <input type="checkbox"/> New <input type="checkbox"/> Continuation Any Previous AWPf Grants: <input type="checkbox"/> Yes <input type="checkbox"/> No If yes, please provide Grant #(s):											
Arizona Water Protection Fund Grant Amount Requested: \$ If the application is funded, will the Grantee intend to request an advance: <input type="checkbox"/> Yes <input type="checkbox"/> No		Matching Funds Obtained and Secured: <table style="width: 100%;"> <tr> <th style="text-align: left;"><u>Applicant/Agency/Organization:</u></th> <th style="text-align: left;"><u>Amount (\$):</u></th> </tr> <tr> <td>1. Applicant</td> <td></td> </tr> <tr> <td>2.</td> <td></td> </tr> <tr> <td>3.</td> <td></td> </tr> <tr> <td colspan="2" style="text-align: right;">Total:</td> </tr> </table>		<u>Applicant/Agency/Organization:</u>	<u>Amount (\$):</u>	1. Applicant		2.		3.		Total:	
<u>Applicant/Agency/Organization:</u>	<u>Amount (\$):</u>												
1. Applicant													
2.													
3.													
Total:													
Has your legal counsel or contracting authority reviewed and accepted the Grant Award Contract General Provisions? <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A													
Signature of the undersigned certifies understanding and compliance with all terms, conditions, and specifications in the attached application. Additionally, signature certifies that all information provided by the applicant is true and accurate. The undersigned acknowledges that intentional presentation of any false or fraudulent information, or knowingly concealing a material fact regarding this application is subject to criminal penalties as provided in A.R.S. Title 13. The Arizona Water Protection Fund Commission may approve Grant Awards with modifications to scope items, methodology, schedule, final products and/or budget.													
Typed Name of Applicant or Applicant's Authorized Representative		Title and Telephone Number											
Signature		Date Signed											

[PROJECT TITLE]
Executive Summary

(500-word maximum)

DRAFT

[PROJECT TITLE]

Project Overview

Background

Goals

Objectives

Statement of Problems/Causes

Statement of Solutions

Statement of Project Years of Benefit to the Resource and General Public

Project Location & Environmental Contaminant Information FY 2023

Project Location Information			
1. County: _____	2. Section(s): _____	3. Township: _____	4. Range: _____
<p>5. Watershed: _____</p> <p>6. 8 or 10 Digit Hydrologic Unit Code (HUC): _____</p> <p>7. Name of USGS Topographic Map where project area is located: _____</p> <p>8. State Legislative District: _____</p> <p style="margin-left: 20px;">(Information available at: https://redistricting-irc-az.hub.arcgis.com/pages/official-maps)</p> <p>9. Land ownership of project area: _____</p> <p>10. Current land use of project area: _____</p> <p>11. Size of project area (in acres): _____</p> <p>12. Stream Name: _____</p> <p>13. Length of stream through project area: _____</p> <p>14. Miles of stream benefited: _____ miles</p> <p>15. Acres of riparian habitat: _____ acres will be:</p> <div style="margin-left: 400px;"> <input type="checkbox"/> Enhanced <input type="checkbox"/> Maintained <input type="checkbox"/> Restored <input type="checkbox"/> Created </div>			
<p>16. General description and/or delineation for the area of impact of the project within the watershed.</p> 			
<p>17. Provide directions to the project site from the nearest city or town. List any special access requirements:</p> 			
Environmental Contaminant Location Information			
<p>1. Does your project site contain known environmental contaminants? <input type="checkbox"/> YES <input type="checkbox"/> NO If yes, please identify the contaminant(s) and enclose data about the location and levels of contaminants:</p> <p>2. Are there known environmental contaminants in the project vicinity? <input type="checkbox"/> YES <input type="checkbox"/> NO If yes, please identify the contaminant(s) and enclose data about the location and levels of contaminants:</p> <p>3. Are you asking for Arizona Water Protection Fund monies to identify whether or not environmental contaminants are present? <input type="checkbox"/> YES <input type="checkbox"/> NO</p>			

[PROJECT TITLE]

Scope of Work

Example Only

Task 1: Permits, Authorizations, Clearances and Agreements

Task Description: The Grantee must obtain and submit to the Project Manager all permits, authorizations, clearances, and agreements, and perform any consultations necessary to complete the tasks listed in this Scope of Work. These may include but are not limited to:

- State Historic Preservation Office (SHPO) clearance
- National Environmental Policy Act (NEPA) compliance
- Endangered Species Act Section 7 consultation with US Fish & Wildlife Service
- Access agreement(s) between Grantee and Landowner(s) (if different)
- Notice of Intention to Drill (NOI) authorization
- Clean Water Act Section 401 Certification from Arizona Department of Environmental Quality
- Clean Water Act Section 404 permit from the Army Corps of Engineers
- Data Collection permit(s) if necessary
- Water right permits if necessary
- Arizona Pollutant Discharge Elimination System (AZPDES) Permit
- Arizona Department of Environmental Quality Pesticide General Permit and filing of Notice of Intent

Task Purpose: To comply with all local, state, and federal permit requirements, environmental laws such as NEPA and obtain legal access to project area.

Deliverable Description: Copies of all approved permits, authorizations, clearances, and agreements.

Deliverable Due Date: Prior to any ground disturbing activities

Responsible personnel: Grantee/administrator, subcontractor, etc.

Task Cost: \$2,500.00

TASK # X

Task Title

Task Description

Task Purpose/Objective

Deliverable Description

Deliverable Due Date

Responsible Personnel

Task Cost (rounded to the nearest dollar)

AWPF Grant Request Budget Template

Note: a version of this table is available in Microsoft Excel.
Please contact AWPf staff or see the AWPf website at www.azwpf.gov.

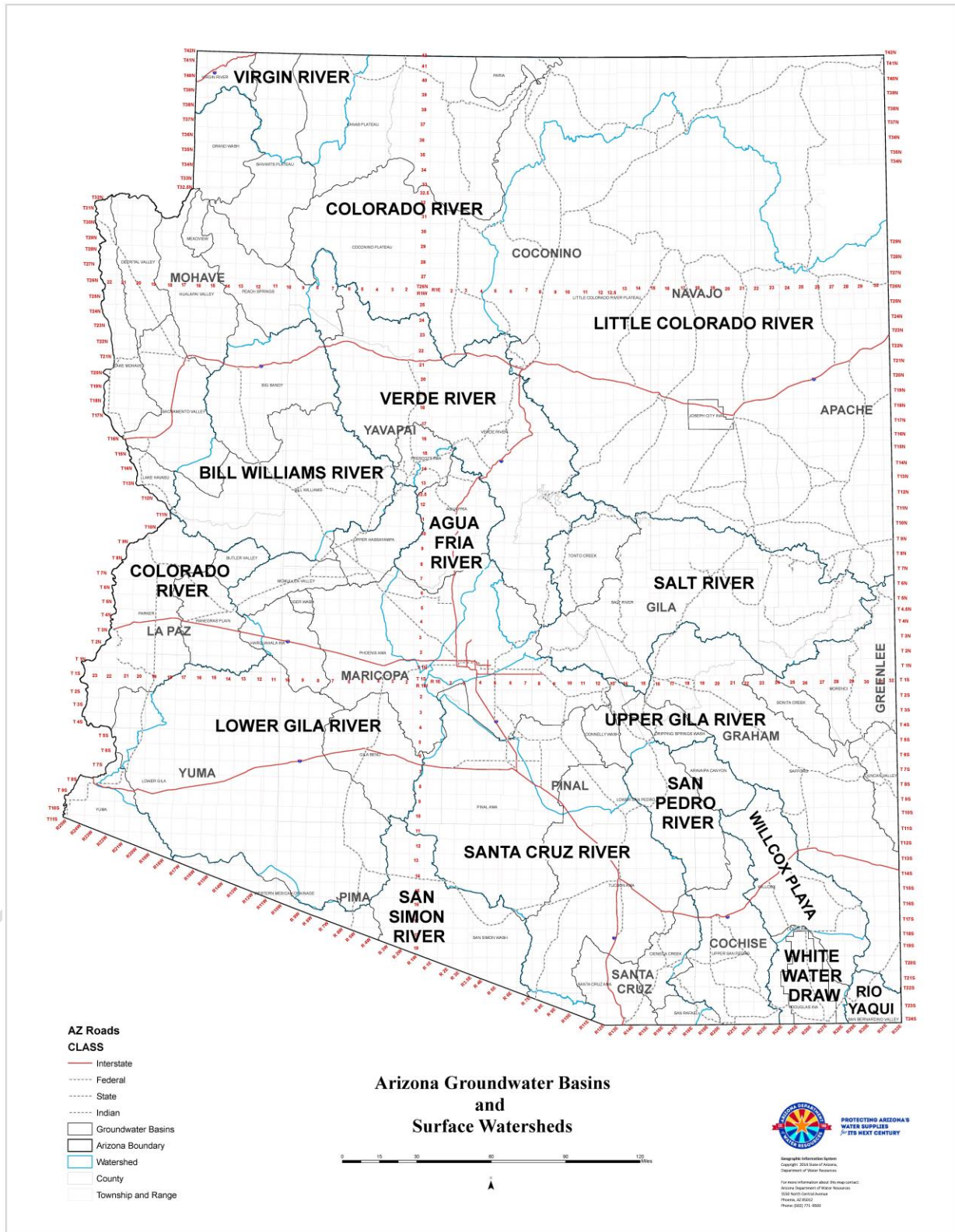
Task X:					
	Quantity	Unit	Unit Cost	Total	Notes
Direct Labor Costs					
Direct Labor Subtotal					
Outside Service Costs					
Outside Services Subtotal					
Other Direct Costs					
Other Direct Subtotal					
Capital Outlay, Equipment, Supplies, Per Diem, Travel, etc. <i>(Note: mileage reimbursement is limited to \$0.445/mile)</i>					
Other Direct Subtotal					
Task Subtotal					
Optional: AWPf Administrative Costs (not to exceed 5% of Task Subtotal)					
Task X Total					

Matching Funds / Cost Share Budget Template

Note: a version of this table is also available in Microsoft Excel.
Please contact AWPf staff or see the AWPf website at www.azwpf.gov.

Task X:					
	Quantity	Unit	Unit Cost	Total	Notes
Direct Labor Costs					
Direct Labor Subtotal					
Outside Service Costs					
Outside Services Subtotal					
Other Direct Costs					
Other Direct Subtotal					
Capital Outlay, Equipment, Supplies, Per Diem, Travel, etc.					
Other Direct Subtotal					
Task Subtotal					
			Task X Total		

Arizona Watershed Map FY 2023



Title of Project:

Location: (include UTM's & Township/Range/Section):

STATE HISTORIC PRESERVATION OFFICE

Review Form

In accordance with the State Historic Preservation Act (SHPO), A.R.S. 41-861 *et seq.*, effective July 24, 1982, each State agency must consider the potential of activities or projects to impact significant cultural resources. Also, each State agency is required to consult with the State Historic Preservation Officer with regard to those activities or projects that may impact cultural resources. Therefore, it is understood that **recipients of state funds are required to comply with this law** throughout the project period. All projects that affect the ground-surface that are funded by AWPf require SHPO clearance, **including those on private and federal lands.**

The State Historic Preservation Office (SHPO) must review each grant application recommended for funding in order to determine the effect, if any, a proposed project may have on archaeological or cultural resources. To assist the SHPO in this review, the following information **MUST** be submitted with each application for funding assistance:

- A completed copy of this form, and
 - A United States Geological Survey (USGS) 7.5-minute map
 - A copy of the cultural resources survey report if a survey of the property has been conducted, and
 - A copy of any comments of the land managing agency/landowner (i.e., state, federal, county, municipal) on potential impacts of the project on historic properties.
- NOTE: If a federal agency is involved, the agency must consult with SHPO pursuant to the National Historic Preservation Act (NHPA); a state agency must consult with SHPO pursuant to the State Historic Preservation Act (SHPA),
- OR**
- A copy of SHPO comments if the survey report has already been reviewed by SHPO.

Please answer the following questions:

1. Grant Program: _____
2. Project Title: _____
3. Applicant Name and Address: _____
4. Current Landowner/Manager(s): _____
5. Project Location, including Township, Range, Section: _____
6. Total Project Area in Acres (or total miles if trail, fence line, etc.): _____
7. Does the proposed project have the potential to disturb the surface and/or subsurface of the ground? ☐ YES ☐ NO
8. Please provide a brief description of the proposed project and specifically identify any surface or subsurface impacts that are expected: _____

9. Describe the condition of the current ground surface within the entire project boundary area (for example, is the ground in a natural undisturbed condition, or has it been bladed, paved, graded, etc.). Estimate horizontal and vertical extent of existing disturbance. Also, attach photographs of project area to document condition: _____

10. Are there any known prehistoric and/or historic archaeological sites in or near the project area? ☐ YES ☐ NO

11. Has the project area been previously surveyed for cultural resources by a qualified archaeologist? ☐ YES ☐ NO ☐ UNKNOWN

If YES, submit a copy of the survey report. Please attach any comments on the survey report made by the managing agency and/or SHPO

12. Are there any buildings or structures (including mines, bridges, dams, canals, etc.), which are 50-years or older in or adjacent to the project area? ☐ YES ☐ NO

If YES, complete an Arizona Historic Property Inventory Form for each building or structure, attach it to this form and submit it with your application.

13. Is your project area within or near a historic district? ☐ YES ☐ NO

If YES, name of the district:

Please sign on the line below certifying all information provided for this application is accurate to the best of your knowledge.

_____/_____
Applicant Signature /Date Applicant Printed Name

FOR SHPO USE ONLY	
SHPO Finding: <input type="checkbox"/> Funding this project will not affect historic properties. <input type="checkbox"/> Survey necessary – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>) <input type="checkbox"/> Cultural resources present – further GRANTS/SHPO consultation required (<i>grant funds will not be released until consultation has been completed</i>)	
SHPO Comments: 	
For State Historic Preservation Office:	Date:

STATE OF ARIZONA HISTORIC PROPERTY INVENTORY FORM

Please type or print clearly. Fill out each applicable space accurately and with as much information as is known about the property.

PROPERTY IDENTIFICATION

For properties identified through survey: Site No. _____ Survey Area: _____

Historic Names (enter the name(s), if any that best reflect the property's historic importance):

Address: _____

City or Town: _____ ☐ Vicinity County: _____ Tax Parcel No.: _____

Township: _____ Range: _____ Section: _____ Quarters: _____ Acreage: _____

Block: _____ Lot(s): _____ Plat (Addition): _____ Year of plat (addition): _____

UTM Reference – Zone: _____ Easting: _____ Northing: _____

USGS 7.5' quadrangle map: _____

ARCHITECT: _____ ☐ not determined ☐ known Source: _____

BUILDER: _____ ☐ not determined ☐ known Source: _____

CONSTRUCTION DATE: _____ ☐ known ☐ estimated Source: _____

STRUCTURAL CONDITION

- ☐ Good (*well maintained; no serious problems apparent*)
☐ Fair (*some problems apparent*) Describe: _____
☐ Poor (*major problems; imminent threat*) Describe: _____
☐ Ruin/Uninhabitable

USES/FUNCTIONS

Describe how the property has been used over time, beginning with the original use:

Sources: _____

PHOTO INFORMATION

Date of photo: _____
View Direction (looking towards): _____

Attach a recent photograph of property in this space.
Additional photographs may be appended.

SIGNIFICANCE

To be eligible for the National Register, a property must represent an important part of the history or architecture of an area. The significance of a property is evaluated within its historic context, which are those patterns, themes, or trends in history by which a property occurred or gained importance. Describe the historic and architectural contexts of the property that may make it worthy of preservation.

A. HISTORIC EVENTS/TRENDS – Describe any historic events/trends associated with the property: _____

B. PERSONS – List and describe persons with an important association with the building: _____

C. ARCHITECTURE – Style: _____ ☐ no style

Stories: _____ ☐ Basement Roof Form: _____

Describe other character-defining features of its massing, size and scale: _____

INTEGRITY

To be eligible for the National Register, a property must have integrity (i.e., it must be able to visually convey its importance). The outline below lists some important aspects of integrity. Fill in the blanks with as detailed a description of the property as possible.

Location - ☐ Original Site ☐ Moved: Date: _____ Original Site: _____

DESIGN

Describe alterations from the original design, including dates: _____

MATERIALS

Describe the materials used in the following elements of the property:

Walls (structure): _____

Walls (sheathing): _____

Windows: _____

Roof: _____

Foundation: _____

SETTING

Describe the natural and/or built environment around the property: _____

How has the environment changed since the property was constructed? _____

WORKMANSHIP

Describe the distinctive elements, if any, of craftsmanship or method of construction: _____

NATIONAL REGISTER STATUS (if listed, check the appropriate box)

☐ Individually Listed; ☐ Contributor; ☐ Non-contributor to _____ Historic District

Date Listed: _____ ☐ Determined eligible by Keeper of National Register (date: _____)

RECOMMENDATIONS ON NATIONAL REGISTER ELIGIBILITY (opinion of SHPO staff or survey consultant)

Property ☐ is ☐ is not eligible individually.

Property ☐ is ☐ is not eligible as a contributor to a listed or potential historic district.

☐ More information needed to evaluate.

If not considered eligible, state reason: _____

APPENDIX A

Grant Award Contract General Provisions

1. DEFINITIONS:

As used throughout this Contract, including the General Provisions, Special Provisions, and the Scope of Work, the following terms have the meaning set forth below:

- a. "Administrative Cost" means those costs that are traditionally termed indirect and overhead.
- b. "Agreement" or "Contract" means this Arizona Water Protection Fund Grant Award Contract between the Commission and Grantee.
- c. "Arizona Water Protection Fund" means the fund established by A.R.S. § 45-2111 and consisting of monies as set forth in A.R.S. § 45-2112.
- d. "Chair" means the chairperson of the Arizona Water Protection Fund Commission or a person duly authorized by the Chair to act on the Chair's behalf.
- e. "Commission" means the Arizona Water Protection Fund Commission or its authorized representative.
- f. "Deliverables" means the reports, documentation, and other materials developed for submission to the Project Manager by the Grantee in the course of the Grantee's performance under this Contract.
- g. "Equipment" means one or more tools, implements, computers, computer hardware, computer software, cameras, camera accessories, vehicles, or instruments either purchased or leased with Grant funds pursuant to either this Contract or a prior Contract between the Commission and the Grantee that is intended to be used to carry out the purposes of this Contract.
- h. "Grantee" means the person, firm, or organization performing the work or delivering the items described in this Contract.
- i. "Grant Application" means the application filed by the Grantee upon which this Contract was awarded.
- j. "Grant Award Contract" means this Contract between the Grantee and the Commission.
- k. "Operation and Maintenance Period" means the period of time during which grant-assisted structures, human access or educational facilities, revegetation sites, and any other grant-assisted improvements will be operated and maintained.
- l. "Project" means the total of all work to be performed by the Grantee as set forth in this Contract.
- m. "Project Manager" means the Arizona Department of Water Resources technical Staff person delegated by the Chair to administer this Contract.

- n. "Scope of Work" means that part of this Contract that describes the work to be performed by the Grantee to accomplish the Project purpose. If the Scope of Work conflicts with the General or Special Provisions, the terms of the Scope of Work will govern.
- o. "Special Provisions" means those provisions of this Contract that alter or augment the General Provisions. If the Special Provisions conflict with the General Provisions, the Special Provisions will govern.
- p. "Staff" means the technical, legal, and administrative staff, including the Project Manager, provided to the Commission by the Director of the Arizona Department of Water Resources pursuant to A.R.S. § 45-2114.
- q. "State" means the State of Arizona, including the Department of Water Resources.
- r. "Task" means the specific provisions in the Scope of Work of this Contract that describe the nature and manner of the specific work to be performed and the Deliverables to be submitted to the Project Manager by the Grantee.

2. GENERAL REQUIREMENTS:

- a. This Contract is interpreted in accordance with Arizona law.
- b. The Grantee must obtain and maintain all licenses, permits, and authorizations necessary to perform its obligations under this Contract. The Grantee is responsible for compliance with all applicable local, state, and federal laws.
- c. In this Contract, Special Provisions alter the General Provisions. If the Special Provisions conflict with the General Provisions, the Special Provisions will govern. If the Scope of Work conflicts with the Special or General Provisions, the Scope of Work will govern.

3. RELATIONSHIP OF THE PARTIES:

The parties agree that the Grantee will not be considered an employee, associate, partner, officer, joint venturer, or agent of the Commission or the State as a result of this Contract. The Grantee is solely responsible for the planning, design, scope, and implementation of the Project funded through this Contract. Neither the Commission nor the State is responsible for any liabilities resulting from the Grantee's planning, design, scope and implementation or performance of the Project funded through this Contract.

4. BOOKS AND RECORDS:

The Grantee must keep adequate books, accounts, files, and records related to work performed and expenditures incurred for a period of five (5) years after the termination of this Contract. Such books, accounts, files, and records must be made available for inspection by the Commission, Staff, or other appropriate agents of the State upon timely written notice. Financial records must: (1) identify the Tasks

completed; (2) include records of the time the Grantee spent performing the Tasks; and (3) include original copies of invoices, statements, sales tickets, billings for work, and similar documents as necessary to document all expenditures applicable to this Contract.

5. INSPECTION AND AUDIT:

Commission representatives and other appropriate agents of the State must, during the term of this Contract, be entitled to review and inspect the Grantee's Project site and data which pertain to the work specified in the Scope of Work. Timely written notice must be provided prior to any inspection. The right to inspect includes review of operation and maintenance of the Project site and performance of field analyses and data collection to assess the degree of success of the Project.

All data collected and maintained pursuant to the requirements of this Contract is subject to examination on the request of the Auditor General in accordance with A.R.S. § 41-1279.

6. INDEMNIFICATION:

The parties to this Contract agree that the Grantee must indemnify, defend, and hold harmless the Commission and the State, including the Department of Water Resources, for all claims which result in vicarious/derivative liability of the State as a result of the act, omission, misconduct, or other fault of the Grantee, its agents, officials or employees.

7. RESOLUTION OF DIFFERENCES:

- a. Disputes arising during the performance of this Contract will be resolved to the maximum extent possible through cooperation and coordination of the Grantee and Staff. If the Grantee and Staff are unable to resolve the differences or circumstances require an immediate decision, the Project Manager will refer the conflict to the Commission for resolution.
- b. Disputes arising out of this Contract are subject to arbitration to the extent required by A.R.S. § 12-133 and § 12-1518.
- c. Disputes arising out of this Contract are subject to the jurisdiction of the Superior Court of the State of Arizona.

8. STOP WORK NOTICE:

In the event of unapproved changes in the Scope of Work, performance or changes outside the scope of the Contract, illegal or unpermitted activities, or other material discrepancies between the Contract and the Grantee's activities, the Commission reserves the right to issue notice to the Grantee to stop work. The notice will further specify that the Commission will not approve resumption of performance or further payments until the issue or issues identified in the stop work notice have been resolved to the satisfaction of the Commission.

9. TERMINATION OF CONTRACT:

- a. The Commission, in addition to other rights set forth elsewhere in this Contract, reserves the right to terminate this Contract in whole or in part, without cause, effective thirty (30) calendar days after receipt of written notice of termination sent by certified mail to the Grantee.

The Commission, in addition to other rights set forth elsewhere in this Contract, reserves the right to terminate this Contract in whole or in part, for cause, effective upon receipt of written notice of termination sent by certified mail to the Grantee.

In the event of termination as provided in Paragraph 9 (a):

- 1) The Grantee must stop work as specified in the notice of termination.
 - 2) If the payments prescribed by this Contract are made on a reimbursable basis, the Commission must pay the Grantee the allowable cost for all Tasks completed in accordance with the Scope of Work as approved by the Project Manager. In addition, the Commission must pay the Grantee its reasonable, actual costs, not to exceed the allowable costs established in the Scope of Work, for work in progress as determined by generally accepted accounting principles and practices.
 - 3) If payments have been made on an advance basis, the Grantee must return all unexpended Grant funds within fifteen (15) calendar days of receipt of notice of termination. The Grantee, at the Commission's request, must deliver to Staff specified completed documents, programs, data, and other information described in the Contract.
- b. The State may cancel this Contract without penalty or further obligation pursuant to A.R.S. § 38-511, which provides for cancellations of any contract made by the State, its political subdivisions, or any of the departments or agencies of either if any persons significantly involved in initiating, negotiating, securing, drafting, or creating the contract on behalf of the State, its political subdivisions or any of the departments or agencies of either is, at any time while the contract or any extension of the contract is in effect, an employee or agent of any other party to the contract or a consultant to any other party to the contract with respect to the subject matter of the contract.
 - c. In the event of cancellation under Paragraph 9 (b) of this Contract, or if the term of the Contract expires, the Grantee will receive payment as established in Paragraph 9 (a) (2) and (3) of this Contract.
 - d. In the event that the parties mutually agree to terminate a portion of the Contract, the Grantee must continue to perform work under this Contract to the extent not terminated under the provisions of this Paragraph.

10. NON-DISCRIMINATION:

The Grantee must comply with Arizona State Executive Order No.75-5, as amended by State Executive Order No. 2009-9, and all other applicable federal and state laws, rules, and regulations, including the Americans with Disabilities Act.

11. EXPENDITURES AND PAYMENTS:

- a. Payments made by the Commission to the Grantee pursuant to the Contract are conditioned upon the availability to the Commission of funds authorized for expenditure in the manner and for the purpose provided herein. The Commission is not liable for any purchases or work entered into by the Grantee prior to the effective date of this Contract.
- b.
 - 1) Fixed cost and reimbursable payments are conditioned upon receipt and approval by the Project Manager of the Deliverable(s) specified in the Scope of Work and an applicable, accurate, and complete payment request prepared by the Grantee.
 - 2) The Project Manager will have a minimum of thirty (30) working days to approve the Deliverable(s) and payment request forms.
 - 3) If the Project Manager does not approve the Deliverable(s) or payment request, the Project Manager will provide a reasonable time to the Grantee to correct the problem.
- c. If the Project Manager determines that the Grantee is in default in the performance of any obligation under this Contract, the Project Manager may, at its option and in addition to other available remedies, either adjust the amount of payment or withhold payment until satisfactory resolution of the default.

12. ADMINISTRATIVE COSTS:

The Grantee may request reimbursements for Administrative Costs at a rate not to exceed five (5) percent of the total Project costs incurred that are eligible for payment under this Contract.

13. RECOUPMENT OF PAYMENTS:

The Grantee must reimburse the Arizona Water Protection Fund for all grant funds determined by the Commission not to have been spent in accordance with the terms of this Contract.

14. NOTICES:

Whenever notice is required pursuant to this Contract, such notice must be in writing and be directed to the persons and addresses specified for such purpose in the Scope of Work, or to such other persons and addresses as either party may designate to the other party in writing. Unless otherwise set forth in this Contract, notice must be delivered in person or by certified mail, return receipt requested.

15. AMENDMENTS:

The commission generally does not allow significant changes in the scope of work from what is agreed to in the contract. If an applicant requests a significant change in the project scope of work, the commission's general policy is that the grantee will be required to withdrawal from the grant. Minor changes to the budget, scope or timeline of the contract can be accommodated with a contract amendment

approved by the commission. All amendment requests must be submitted in writing to the commission and those requiring a change in timeline should be submitted at least 45 days prior to existing contracted dates. Multiple (in excess of 2) amendments are discouraged by the commission. No amendments to this Contract will be effective unless in writing and signed by all parties to the Contract.

16. SUBCONTRACTS:

- a. Subcontractors or consultants may be used in the performance of Tasks described in the Scope of Work of this Contract.
- b. Proposals to subcontract any Task described in this Contract must be approved by the Project Manager. Any subcontract must be submitted to the Project Manager for approval prior to execution by the Grantee. A copy of any executed subcontract must be submitted to the Project Manager prior to commencement of the subcontracted work.
- c. Any subcontractor or consultant participating in this Contract must comply with the terms and conditions of this Contract, as set forth in the General Provisions, Special Provisions, and Scope of Work.

17. ASSIGNMENTS:

- a. The Grantee may not transfer or assign in whole or in part, any obligations under the General or Special Provisions of this Contract to another party without prior written approval of the Commission.
- b. In the event that the Grantee transfers control or access to the Project site location through sale, lease, or other alienation of title during the term of this Contract or the Operation and Maintenance Period:
 - 1) The Grantee retains all duties and responsibilities assumed under this Contract unless otherwise approved by the Commission.
 - 2) The Grantee must provide written notice to the Commission within 30 days of such action.

18. WAIVERS:

- a. Neither the Grantee nor the Commission may waive or modify any condition or requirement contained in or made a part of this Contract without a written amendment to this Contract.
- b. A waiver by the Commission of any breach or default of any of the provisions of this Contract will not be construed as a waiver of any succeeding breach or default of the same or other provisions.

19. INCORPORATION OF GRANT APPLICATION:

The Grantee's approved Grant Application is incorporated by reference as part of this Contract; however, the terms of this Contract take precedence over the terms of the approved Grant Application in the event of conflict or ambiguity.

20. OPERATION AND MAINTENANCE:

- a. The Operation and Maintenance Period is for 20 years unless otherwise specified in the Special Provisions.
- b. The Operation and Maintenance Period for each individual grant-assisted structure, human access or educational facility, revegetation site, or any other grant-assisted improvement will begin upon the approval by the Project Manager of the designated Deliverables identified in the Scope of Work.
- c. During the Operation and Maintenance Period, the Grantee must, in good faith, provide operation and maintenance of all grant-assisted structures, human access or educational facilities, revegetation sites, and any other grant-assisted improvements.
- d. During the term of this Contract and the Operation and Maintenance Period, the Grantee must provide reasonable protection from vandalism to the Project site and to any grant-assisted structural, revegetation, or other improvements thereon.
- e. If, during the term of this Contract or the Operation and Maintenance Period, a major flood, fire, or other unforeseen act of nature causes substantial damage to the Project site, or to any grant-assisted structure, revegetation, or other improvements, the Grantee must notify the Project Manager in writing within fifteen (15) calendar days of discovering the damage. The parties will assess the damage and determine whether to continue the Project and/or operation and maintenance responsibilities.

21. EQUIPMENT:

- a. The Grantee may not purchase any Equipment without the prior approval of the Project Manager. In addition, the Grantee may not purchase any Equipment with a value equal to or greater than \$3,000 without the prior approval of the Commission.
- b. Equipment is the property of the Grantee, and the Grantee is responsible for maintenance and safekeeping of such Equipment.
- c. If equipment purchased for the Grantee under this contract or a prior Arizona Water Protection Fund contract still has useful life, that equipment shall be used for this or any subsequent Arizona Water Protection Fund contract, as appropriate.
- d. The Grantee may execute a lease of Equipment for this specific AWPf project with the prior approval of either the Commission or the Project Manager.

22. DATA:

- a. All data, information, research, reports, and analyses prepared or collected by the Grantee in carrying out the terms of this Contract is owned by the parties to this Contract.
- b. Unless otherwise provided in this Contract, all data, information, research, reports, and analyses prepared or collected by the Grantee in carrying out the terms of this Contract must be provided to the Commission as specified in the Scope of Work of this Grant Award Contract.
- c. All Deliverables, including data, information, research, reports, and analyses submitted to the Commission are public records generated for the benefit of the citizens of the State, and may be copied, published, and disseminated to any person upon proper request.

23. REQUEST FOR COPIES:

If the Grantee receives a request to prepare a copy of any Deliverable required by this Contract, the Grantee must provide the copy at cost, or at a price required by law.

24. GRANTEE'S REPRESENTATIONS AND WARRANTIES

All representations and warranties made by the Grantee under this Contract, including but not limited to those representations made in Paragraph 20 and in the Grant Application, survive the expiration or termination of this Contract. In addition, the parties acknowledge that pursuant to A.R.S. § 12-510, except as provided in A.R.S. § 12-529, the State is not subject to or barred by any limitations of actions prescribed in A.R.S., Title 12, Ch. 5.

APPENDIX B

eCivis Application Submission Users Guide

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