ARIZONA WATER PROTECTION FUND COMMISSION

Business Meeting – November 10, 2020
Virtual Meeting via Cisco WebEx
Meeting Number (Access Code): 133 035 7240
Meeting Password: pVP7MMSrj83
1-404-397-1516 US Toll

Approved Meeting Minutes

ATTENDANCE

Commission Voting Members Present
Pat Jacobs – Chairman
Rodney Held – Vice-Chairman
Shelley Blackmore
Lucinda Earven
Roy Pierpoint
William Schock

Arizona Water Protection Fund Staff
Sharon Scantlebury
Reuben Teran

Commission Voting Members Absent
Paul Brick

CALL TO ORDER

Chairman Pat Jacobs called the meeting of the Arizona Water Protection Fund (AWPF) Commission to order at 10:04 a.m.

COMMISSION MEMBER ROLL CALL

Mr. Reuben Teran called the roll of the AWPF Commission. Six voting members were in attendance, and a quorum of the Commission was present.

Mr. Teran introduced Ms. Shelley Blackmore as the newest member appointed to the AWPF Commission by the President of the Arizona State Senate. Ms. Blackmore is representing the Natural Resource Conservation District statutory category, and is currently affiliated with the Triangle Natural Resource Conservation District.

CALL TO THE PUBLIC

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

REVIEW AND APPROVAL OF THE JUNE 16, 2020 MEETING MINUTES

Chairman Jacobs asked for any discussion or comments on the draft meeting minutes. Vice-Chairman Rodney Held stated he noted a few minor typographical edits, and could work with Mr. Teran to clarify them following the meeting or he can discuss them now. Chairman Jacobs stated that those minor corrections can be made following the meeting and be incorporated into the final meeting minutes. Commissioner Roy Pierpoint made a motion to approve the June 16, 2020 meeting minutes as corrected, with a second from Vice-Chairman Held. The motion passed unanimously.

Mr. Teran stated that he has been notified that one Commission member may have to leave the meeting early today, and stated that agenda item IX. AWPF Grant 19-196WPF: Do Native Fish Facilitate the Persistence of Endangered Spikedace By Resuspending Food Particles? requires Commission action. He stated that the Commission may move forward with the agenda as listed, but did remind them that the meeting notice does provide the Commission the opportunity to take agenda items out of order, if necessary. Chairman Jacobs asked the Commission if there was any objection to moving agenda item IX to be heard now by all current Commission members present. There was no objection by the Commission members.

AWPF GRANT 19-196WPF: DO NATIVE FISH FACILITATE THE PERSISTENCE OF ENDANGERED SPIKEDACE BY RESUSPENDING FOOD PARTICLES?

Mr. Teran provided a background of the project timeline and issues the grantee had in completing the proposed scope of work which included the change in program study for the research graduate student originally selected for this project, and the inability to find another qualified individual to complete the proposed project. He then presented a letter submitted by Northern Arizona University requesting to terminate the grant award contract. Mr. Teran stated that no AWPF grant funds have been expended for this project.

Vice-Chairman Held asked if the Commission needed to take formal action on this type of request since the request to terminate the grant award contract was made by the grantee. Mr. Teran responded that the termination clause in grant award contract states that the Commission may terminate the agreement with or without cause, and since this request was made by the grantee he wanted to bring it to the Commission's attention so the matter may be discussed since the agreement is with the Commission. Vice-Chairman Held made a motion to accept the grantee's request to terminate the grant, with a second from Commissioner Bill Schock. Chairman Jacobs asked for any discussion on the matter. There was no further discussion and the motion passed unanimously.

Commissioner Lucinda Earven notified Commission members that she had to leave the meeting and departed at 10:19am.

PROJECT CLOSEOUT PRESENTATION. AWPF GRANT 17-192WPF: LOWER VERDE RIVER RIPARIAN RESTORATION PROJECT

- Presenter: Melissa McMaster – Mariposa Botanical and Ecological Consulting, LLC

Ms. McMaster presented a slideshow of the project with its results and accomplishments.

Chairman Jacobs asked for any questions or comments from the Commission. Commissioner Schock asked for clarification regarding the number of Gooding's willows planted verses number of willows surviving, since the Pilot Project Site – Pole Planting slide showed that more willows survived than were planted. Ms. McMaster clarified there was a typo and the slide should have read that 8 of the 9 Gooding's willows planted survived, and not 24.

Commissioner Schock commented that holes were dug to plant the tree poles and asked how deep poles went into the ground. Ms. McMaster responded that based on the depth to water analysis done for the site almost all poles were planted between 2-3 feet into the ground.

Commissioner Schock commented that the presentation noted some sites had damage due to cows and horses, and stated that grazing is a normal, biological process that the world depends on and asked for clarification on what was meant by the term damage. Ms. McMaster responded that in the areas where cows and horses are using the Verde River they are seeing a lack of cottonwood and willow recruitment because they are being eaten. She also stated that in order to have a successful restoration project the trees need to grow, and protecting them helps get them established.

Commissioner Shelley Blackmore commented about the amount of water used by cottonwood trees and inquired if there was a desire to establish or plant a lot more trees. Ms. McMaster responded that the desire to plant more trees is to create more riparian habitat which has been lost due to factors such as invasive species and altered stream flows. She also stated that the tamarisk leaf beetle has been moving along the Verde River which will decrease available tamarisk habitats, and planting native species will help to replace any habitats that may be lost.

Commissioner Blackmore asked what treatment methods were used for removing tree tobacco. Ms. McMaster responded that these trees were cut back and herbicide was applied.

PROJECT CLOSEOUT PRESENTATION. AWPF GRANT 19-198WPF: GRANITE CREEK CORRIDOR ENHANCEMENT MASTER PLAN

- Presenter: Tyler Goodman – City of Prescott

Mr. Goodman presented a slideshow of the project with its results and accomplishments.

Commissioner Blackmore asked if there were any concerns about public safety and homelessness in the area and if these projects will help alleviate some of those concerns. Mr. Goodman responded that the City of Prescott is hoping that with the added public focus on the area, improvements that will be made within the corridor, and natural draw of people to the area for work, school, and recreation that some of these issues would be eliminated.

Chairman Jacobs asked where Granite Creek flows. Mr. Goodman responded that Granite Creek flows into Watson Lake. Chairman Jacobs asked if there would be any improvements or increased flow into Watson Lake with the proposed improvements. Mr. Goodman responded that there is still another 3 miles stretch of Granite Creek from the project area to Watson Lake, but stated that within the project area there will be enhanced flow and the goal is to improve water quality. He also stated that Watson Lake is an impaired body of water and hope that this project would help that out.

PROJECT CLOSEOUT PRESENTATION. AWPF GRANT 19-200WPF: AMERICAN GULCH CHANNEL AND RIPARIAN ENHANCEMENT

- Presenter: Trever Feetham – Town of Payson

Mr. Fleetham presented a slideshow of the project with its results and accomplishments.

Chairman Jacobs asked the Commission members for any questions or comments. There were none.

PROJECT CLOSEOUT PRESENTATION. AWPF GRANT 17-189WPF: EROSION CONTROL TO STABILIZE SOILS AND RESTORE HISTORIC GRASSLANDS IN THE UPPER VERDE RIVER WATERSHED

- Presenter: John Munderloh – Town of Prescott Valley

Mr. Munderloh presented a slideshow of the project with its results and accomplishments.

Chairman Jacobs commented that this was a very informational presentation for him with valuable lessons for future projects, and asked the Commission members for any questions or comments.

Commissioner Blackmore stated that Mr. Munderloh and his project partners have greatly helped future conservation efforts by having the practices used in the project adopted by the Natural Resource Conservation Service.

Commissioner Schock requested a copy of the policy paper described by Mr. Munderloh. Mr. Munderloh stated that this paper should be included in the AWPF project final report that is currently under review by staff. Mr. Teran responded that he will provide a copy of this document to all Commission members following the meeting, and include it as an attachment with the project final report.

ARIZONA WATER PROTECTION FUND COMMISSION MEMBER VACANCIES

Mr. Teran notified the Commission that as of September 30, 2020 there are currently two voting member vacancies which include 1) an Indian Tribe member whose appointing authority is the Chairman of the Inter Tribal Council of AZ, and 2) a member of the public whose qualifications require a Bachelor of Science degree in hydrology and employment by a city served by the Central Arizona Project whose appointing authority is the Governor.

Mr. Teran stated that notification letters regarding these 2 specific AWPF Commission member vacancies were sent to the Governors Boards and Commission's Director and Inter Tribal Council in April 2019. Follow up phone calls were made to the Inter Tribal Council of Arizona in approximately August 2019, and follow up email messages was sent to the Directors of the Office of Boards and Commissions in September 2019 and again in February 2020.

In August 2020 staff reached out to ADWR leadership and legislative liaison staff for assistance in reaching out to the appointing authorities.

As of November 5, 2020, staff has made contact with the Executive Director of the Inter Tribal Council of Arizona and will be scheduling a meeting to discuss the AWPF program and Commission appointment requirements. ADWR leadership staff will also be working with staff from the Governor's office to inquire about the current AWPF Commission member vacancy and hopefully help move this appointment process forward.

Chairman Jacobs asked the Commission members for any questions or comments. Vice-Chairman Held stated that he has reapplied for an AWPF Commission appointment to the Governor's Board of Commissions in July 2020, but has not heard a response to date.

ARIZONA WATER PROTECTION FUND PROGRAM UPDATES

Administrative Updates

- **Virtual Meeting Platforms**

Mr. Teran stated that he is following up on a question that was raised at the last Commission meeting regarding the use of Zoom as a virtual meeting option, instead of the Webex program we are currently using. He stated that through his discussions with Arizona Department of Water Resources (ADWR) staff who run other large virtual public meetings, they indicated that Webex is a more secure program for running public meetings, and allows greater administrative control of the meetings compared to other virtual platforms, including greater attendance capacity. He stated that ADWR is currently using Webex for all large public meetings such as the Governors Water Augmentation, Innovation, and Conservation Council - including all subcommittee meetings and planning area process meetings. He further stated that ADWR has also purchased licenses for Webex users in the agency, which does include a license for AWPF Commission business meetings.

Chairman Jacobs commented that it appears that the State has already set standards for virtual meeting platforms and was not sure if the Commission could make any changes at this point. Mr. Teran responded that the AWPF Commission may choose to use another virtual meeting platform but that would most likely come at a cost for the service, software, and maintenance to the AWPF administration fund.

Mr. Teran notified the Commission that until further notice AWPF Commission meetings will continue to be held virtually, and stated that he is available to help any Commission member become more familiar with the Webex meeting platform or answer any questions.

- **Grant Award Contract Negotiation Timelines**

Mr. Teran stated that this a follow-up to questions that arose during the June Commission meeting about the length of time it takes to draft and fully execute an AWPF grant award contract. He stated grant awards have typically been made in November, and staff begins writing the agreements in December and January. He then displayed the fiscal year 2019 and fiscal year 2020 spreadsheets he uses to track the development and review of the grant award contracts, and provided a brief summary of the results. He pointed out that the timelines described do not include the date from the Commission grant award selections in November.

Fiscal Year 2019 had 9 grant applications selected for funding.

- Negotiations from when staff sent draft #1 to grantee for review to contract execution ranged from 1 month (5), 2 months (1) 3 months (1), 7 months (1), 15 months (1).

Fiscal Year 2020 had 8 grant applications selected for funding, and 1 amendment to an existing operation and maintenance agreement.

- Negotiations from when staff sent draft #1 to the grantee to contract execution ranged from 1 month (3), 2 months (1), 3 months (2), 5 months (1), and 7 months (1).
- 1 grant award contract is still in negotiation which has been 7 months and counting.

Chairman Jacobs asked the Commission members for any questions or comments. Commissioner Schock expressed concerns that when it takes a long time to execute a grant award contract and get a project started, in a way the grantee robs another entity who may have been ready to implement a project and improve water resources in a timely manner. He stated that the Commission should really emphasize to future

grantees that they need to work on getting their grant agreements finalized and start implementing their projects as soon as possible following the grant award selections. Mr. Teran responded that the Commission recently updated the grant application manual identifying a maximum 12-month timeframe for executing a grant award contract, and stated that the Commission may review this clause again in the application manual during the next grant cycle.

Financial Update

Mr. Teran provided an update the AWPF fund balance from July 1, 2020 through October 30, 2020, and described the current totals for revenues and expenditures for both the grant fund account and administration account. The fund balance on July 1, 2020 was $3,428,028.

Revenues from July 1, 2020 – October 30, 2020 totaled $67,330, and Mr. Teran explained that this total does reflect a transfer of $161,720 from the grant account to the administration account that was approved by the Commission in June 2020. Mr. Teran also stated that there was a $250,000 appropriation to the fund through ADWR's budget, and clarified that deposits from this appropriation are only made on a quarterly basis and that is why the General Fund Appropriation line item only shows deposits totaling $62,500 as of October, 30, 2020.

Expenditures from July 1, 2020 – October 30, 2020 totaled $750,868. The fund cash balance on October 30, 2020 was $2,744,490. This total includes $2,592,090 from the grant account, and $152,400 from the administration account.

Mr. Teran identified existing grant award contract obligations as $2,081,480, which does include one pending fiscal year 2020 grant award that is still in the contract negotiation phase. He explained that these are funds that have been obligated by the Commission for grants, but are not accounted for in the available fund cash balance. Considering this information, the uncommitted AWPF fund balance is $663,010 which includes $510,610 from the grant account, and $152,400 from the administration account.

Commissioner Schock stated that the fund should be getting back approximately $39,000 back from Northern Arizona University due to the grant award contract that was terminated earlier today, and asked if those funds are reflected in the current grant obligations. Mr. Teran responded that since those funds were obligated through a contract, they are currently reflected in the obligated fund balance. He further stated that those funds would become unobligated and available for grants during the next grant cycle.

Commissioner Blackmore asked where the money for grants comes from. Mr. Teran responded that through State statutes there are 3 potential fund sources for the program. These include Legislative appropriations, in-lieu tax fees from the sale of Central Arizona Project water outside of the tri-county service area, and gifts/donations to the program. Chairman Jacobs commented that it is important that the Commission inform the Governor's Office and Legislators about the successes and types of projects funded through the AWPF program.

Active Grant Status Updates

Mr. Teran referred the Commission to the Status of Active WPF Contracts handout and explained that this document provides an overview of all active AWPF grants, the grant amounts, grant payments made, current grant balances, and the contract expiration dates. He also referred the Commission to the supplement handout that provides a short narrative on the status of each individual project.

FINAL CALL TO THE PUBLIC

Chairman Jacobs made a final call to the public. Mr. Wayne Hollins from Mohave County commented that it was an interesting meeting and asked what was being done with the slash from treatments done on the Ft. McDowell Yavapai Nation. Mr. Teran responded that *Aruduo* slash was bundled and placed above the typical high-water zone to dry and decay, and tamarisk slash was cut up into smaller pieces and placed into piles to dry out above the high-water mark to create habitat for smaller wildlife.

CALL FOR FUTURE AGENDA ITEMS

Chairman Jacobs asked the Commission members for any suggested future agenda items. No agenda items were presented.

FUTURE MEETING DATE(S)

The Commission selected Tuesday, March 16, 2021 as the next Commission meeting date. The meeting is planned to be held virtually.

ADJOURN

With no other agenda items Chairman Jacobs asked if there is a motion to adjourn. Vice-Chairman Held made a motion to adjourn, with a second from Commissioner Schock. The motion passed unanimously, and the meeting adjourned at 12:42 p.m.

Commission Members
Pat Jacobs, Chairman
Rodney Held, Vice Chairman
Shelley Blackmore
Paul Brick
Lucinda Earven
Roy Pierpoint
William Schock

Executive Director
Reuben Teran

Arizona Water Protection Fund Commission

1110 West Washington, Suite 310, Phoenix, AZ 85007
Phone: (602) 771-8528

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, November 10, 2020 at 10:00 a.m.** This meeting is open to the public. Due to safety considerations during the COVID-19 pandemic and guidance from the Centers for Disease Control and Prevention for large events and mass gatherings, the AWPF Commission will be conducting this meeting in a virtual format. The meeting information and agenda are described below.

Cisco Webex Meeting Information

Link: https://azgov.webex.com/azgov/onstage/g.php?MTID=e3ae716885a48f27c7b64d4a475338616
Meeting Number (Access Code): 133 035 7240
Meeting Password: pVP7MMSrj83

or

Join by Phone

877-309-3457 US Toll Free	1-404-397-1516 US Toll	Access Code: 133 035 7240

Dated this 29th day of October 2020

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 Pat Jacobs

IV. Review and Approval of the June 16, 2020 Meeting Minutes – Chairman Pat Jacobs

V. Project Closeout Presentation. AWPF Grant 17-192WPF: Lower Verde River Riparian Restoration Project – Fort McDowell Yavapai Nation
- The Commission will be updated on the final status and results of the project.

VI. Project Closeout Presentation. AWPF Grant 19-198WPF: Granite Creek Corridor Enhancement Master Plan – City of Prescott
- The Commission will be updated on the final status and results of the project.

VII. Project Closeout Presentation. AWPF Grant 19-200WPF: American Gulch Channel and Riparian Enhancement – Town of Payson
- The Commission will be updated on the final status and results of the project.

VIII. Project Closeout Presentation. AWPF Grant 17-189WPF: Erosion Control to Stabilize Soils and Restore Historic Grasslands in the Upper Verde River Watershed – Town of Prescott Valley
- The Commission will be updated on the final status and results of the project.

IX. AWPF Grant 19-196WPF: Do Native Fish Facilitate the Persistence of Endangered Spikedace by Resuspending Food Particles? – Executive Director
- The Commission will discuss and may take action on the request from the Grantee to terminate the grant award contract.

X. Arizona Water Protection Fund Commission Member Vacancies – Executive Director
- The Commission will be updated on the current status of Commission member vacancies.

XI. Arizona Water Protection Fund Program Updates – Executive Director
- Administrative Updates
  - Virtual Meeting Platforms
  - Grant Award Contract Negotiation Timelines
- Financial Update
- Active Grant Status Updates

XII. Final Call to the Public – Chairman Pat Jacobs

XIII. Call for Future Agenda Items

XIV. Future Meeting Date(s) – Chairman Pat Jacobs

XV. Adjourn – Chairman Pat Jacobs

- *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 – June 16, 2020
Virtual Meeting via Cisco WebEx
Meeting Number (Access Code): 133 942 7064
Meeting Password: 8KCmqkrSS34
1-415-655-0003 US Toll

DRAFT Meeting Minutes

DRAFT

ATTENDANCE

Commission Voting Members Present
Pat Jacobs – Chairman
Rodney Held – Vice-Chairman
Michael Macauley
Roy Pierpoint
William Schock

Commission Voting Members Absent
Paul Brick
Lucinda Earven

Arizona Water Protection Fund Staff
Sharon Scantlebury
Reuben Teran

CALL TO ORDER

Chairman Pat Jacobs called the meeting of the Arizona Water Protection Fund (AWPF) Commission to order at 9:03 a.m.

COMMISSION MEMBER ROLL CALL

Mr. Reuben Teran called the roll of the AWPF Commission. Five voting members were in attendance, and a quorum of the Commission was present.

CALL TO THE PUBLIC

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

REVIEW AND APPROVAL OF THE MARCH 10, 2020 MEETING MINUTES

Chairman Jacobs asked for any discussion or comments on the draft meeting minutes. Vice-Chairman Rodney Held stated he noted a few minor typographical errors, but could work with Mr. Teran to clarify them following the meeting or he can discuss them now. Chairman Jacobs stated that those minor corrections can be made following the meeting and incorporated into the final meeting minutes. Commissioner Macauley made a motion to approve the March 10, 2020 meeting minutes as corrected, with a second from Vice-Chairman Held. The motion passed unanimously.

PROJECT CLOSEOUT PRESENTATION. AWPF GRANT 19-195WPF: GILA VALLEY IRRIGATION DISTRICT RAPID APPRAISAL FOR MODERNIZATION

- Presenter: Justin Layton – Gila Valley Irrigation District

Mr. Layton provided a brief overview of the project and the rapid assessment appraisal of the canal systems implemented by Irrigation Training and Research, a separate non-profit auxiliary organization for the California Polytechnic State University (Cal Poly). He stated that this project has provided valuable information on how to move forward with canal modernization and water efficiency projects, and the Gila Valley Irrigation District (GVID) has started applying for other grants and other funds to begin implementing improvements, including another from AWPF. He stated that the GVID has also been meeting with the local cities, towns, and the County to discuss structures that need to be improved for flooding, flood control and diversions, and the GVID in the process of developing a watershed plan.

Mr. Layton stated the GVID's next steps are to start replacing and making improvements to water control gates on 3 of their canal systems. He also stated that there has been a lot of interest from other canal operators in the district asking how they can start making improvements on their own canals. He emphasized that it has been very helpful to be able to direct them to the rapid appraisal completed by Cal Poly, and for them to have the information they need to move forward. Mr. Layton expressed his thanks to the AWPF Commission and the Arizona Department of Water resources and stated this project was a huge benefit to the GVID.

Chairman Jacobs asked if there were any questions from members of the Commission. Hearing none, Chairman Jacobs thanked Mr. Layton and the Gila Valley Irrigation District for their presentation.

GRANT APPLICATION WPF2012 / DRAFT GRANT AWARD CONTRACT 20-208WPF: PARIA BEACH RIPARIAN RESTORATION

Mr. Teran stated the applicant is the Grand Canyon Wildlands Council and this is a fiscal year 2020 grant application selected for funding that involved invasive species removal and native vegetation restoration activities at the Paria Beach site on the Colorado River. Contract negotiation was placed on hold following grant award selections pending clarification on the water source to be used for the project, as was outlined in the AWPF staff review contract conditions approved by the Commission.

Per discussion and further research between the applicant and the National Park Service it was identified that the proposed water source for the project was not available for the intended purposes of the project, and further work will be necessary by the National Park Service to secure the applicable water rights for their managed lands. Given these circumstances, the applicant has proposed a modified project implementation approach, but there will be no change in the proposed goals and objectives of the project.

Mr. Teran stated a letter from the applicant that is included in the meeting materials provides further details, but in short the applicant is proposing to re-allocate funding from irrigation system materials to the rental of heavy equipment to augur down to the water level for pole plantings, and then follow up with broadcast seeding in the upper terraces. The intent is to complete the restoration activities as proposed, but not use supplemental irrigation for cottonwood and willow tree establishment. He further stated that staff does not have any concerns on the proposed actions and will move forward with contract negotiations unless the Commission has any concerns or further direction.

Vice-Chairman Held asked if a formal motion is necessary to make this change. Mr. Teran responded yes, unless there were comments or concerns from by the Commission. Vice-Chairman Held stated he was comfortable with the change and made a motion to approve the changes proposed by the applicant, with a second from Commissioner Roy Pierpoint. The motion passed unanimously.

DRAFT

AWPF AGREEMENT 05-129WPF-OM

Mr. Teran provided an update for the Commission on the status of the operation and maintenance agreement between the Commission and USDA Forest Service, Apache Sitgreaves National Forest. At the March 2020 AWPF Commission meeting the Commission was notified that the USFS had requested this agreement be closed out due to concerns regarding the period of performance and potentially being issued in error or invalid. The Commission believed the agreement was still valid and decided that it would not be closed out, and requested that the USFS notify the Commission if/when operation and maintenance activities could not be implemented as indicated in the General Requirements of the agreement. AWPF staff notified the USFS regarding this decision and a follow-up meeting was held to discuss how to move forward.

Mr. Teran stated as a result of that meeting the USFS is no longer requesting that this agreement be closed out and moving forward the agreement will be amended to include current contact information and a Task for annual reporting for the remainder of the agreement term. He further stated this new Task will facilitate the Commission's previous request that the USFS notify AWPF if USFS funds are not available to implement operation and maintenance activities, and to help the USFS monitor the agreement and related activities until the expiration date. Mr. Teran stated that staff will move forward with developing an amendment to this agreement unless there are any concerns or further direction from the Commission.

Chairman Jacobs asked for if there were any comments, questions or objections from the Commission. There were no comments and staff was directed to move forward as planned.

ARIZONA WATER PROTECTION FUND PROGRAM UPDATES

Administrative Updates

- **AWPF Logo**
  Mr. Teran stated that the logo has not been updated in the last 15 years, and that a draft of the new logo was presented to the Commission at the last meeting in March 2020. He had incorporated all the recommendations provided by the Commission and was presenting this updated logo for final review and approval.

  Chairman Jacobs asked for any comment or suggestion from the Commission. Vice-Chairman Held commented that the new logo was a much-needed improvement and thanked staff for their work. Commissioner Macauley made a motion to approve the new AWPF logo, with a second from Vice-Chairman Held. The motion passed unanimously.

- **Potential Grant Award Contract Extensions**
  Mr. Teran stated that due to the current COVID-19 pandemic the winter and spring fieldwork season for a few current grantees was cut short or they not able to be fully implemented as planned. As such there may be instances within the next year that grantees may need to ask for a grant award contract extension, based on how the pandemic may have affected their work schedule and resources. Mr. Teran stated this is just an informational item and no action is necessary.

Legislative Update

Mr. Teran provided updates on the following Legislative bills that will or may affect the Water Protection Fund in the current Legislative session.

DRAFT

- **SB1692: General Appropriations Act (aka Feed Bill)**
  - Signed into law by Governor Ducey
  - Includes a $250,000 line item appropriation to the Arizona Water Protection Fund in the Arizona Department of Water Resources budget for fiscal year 2020-2021

- **HB2101: Appropriation; Arizona Water Protection Fund**
  This bill was to appropriate the sum of $1,000,000 from the state general fund in fiscal year 2020-2021 to the Arizona water protection fund.
  - Passed all House committees (Natural Resources, Appropriations, and Rules) Majority Caucus, Minority Caucus, and the House of Representatives. Transferred to the Senate.
  - Passed the Senate Appropriations committee and passed to the Rules committee but no action was taken by the Rules committee.
  - No further legislative action taken on this bill.

- **HB2906: Environment; Budget Reconciliation; 2020-2021**
  &
- **SB1689: Environment; Budget Reconciliation; 2020-2021**
  - Substitute Bill: SB1689 for HB2906
  - Signed into law by Governor Ducey
  - Through this bill the Arizona Water Protection Fund Commission is permitted to grant to the Department of Water Resources (DWR) up to $336,000 of the unobligated balance in the Fund to pay for administrative costs of DWR in fiscal year 2020-21.

  Chairman Jacobs asked if this bill is part of the annual legislative budget process. Mr. Teran responded that this type of budget reconciliation bill generally does accompany general appropriations bills and provides more clarification or additional language pertaining to the current fiscal year appropriations.

- **SB1148: Water Protection; Technical Correction**
  This bill was to provide a technical correction to Statute 45-2102: Definitions.
  - In this chapter, unless the context otherwise ~~specifies~~ REQUIRES:
    1. "Commission" means the Arizona water protection fund commission.
    2. "Fund" means the Arizona water protection fund.
  - The bill was assigned to the Senate Rules committee, but not action was taken.

  Commissioner Bill Schock stated that changing "*specifies"* to "*requires"* is not very significant and asked why this type of bill is even introduced. He further asked if this was something the Commission asked to be done, or if the change was proposed by someone else. Mr. Teran responded that he was not aware why this bill was introduced. Vice-Chairman Held commented that legislators sometimes introduce striker bills which gives them the means to introduce something later.

Financial Report

Mr. Teran referred the Commission to the AWPF fund balance handout as of May 31, 2020 and described the current totals for revenues and expenditures for both the grant fund account and administration account. The fund balance on July 1, 2019 was $2,692,016. Revenues from July 1, 2019 – May 31, 2020 totaled $1,458,787. Expenditures from July 1, 2019 – May 31, 2020 totaled $712,713. The fund cash balance on

May 31, 2020 was $3,438,090. This total includes $3,390,829 from the grant account, and $47,261 from the administration account.

Mr. Teran identified existing grant award contract obligations as $1,915,876 and pending fiscal year 2020 grant awards that are still in the grant award contract negotiation phase as $861,910. He explained that these are funds that have essentially been obligated by the Commission but are not accounted for in the available fund cash balance. Considering this information, the uncommitted AWPF fund balance is $660,304 which includes $613,044 from the grant account, and $47,261 from the administration account.

Commissioner Macauley asked if program administration funding could be taken from the fiscal year 2020 $250,000 legislative appropriation. Mr. Teran responded that the Commission may allocate uncommitted or unobligated funds for program administration, which would include the $250,000. Vice-Chairman Held commented that any program administrative funds allocated by the Commission would reduce the amount of available funds in the unobligated grant account.

Commissioner Schock asked why the Commission would transfer funds to ADWR. Mr. Teran explained that any transfer of funds to ADWR are specifically for AWPF program administration. Commissioner Schock stated that $161,720 was already transferred to the administrative account, and asked how that amount is related to the recent legislative bill SB1689 authority. Chairman Jacobs stated that the $161,720 referred to in the financial update is for fiscal year 2020 administration, and SB1689 is the program administration budget authority given to the Commission for fiscal year 2021 which starts July 1, 2020.

ARIZONA WATER PROTECTION FUND ADMINISTRATIVE FUND TRANSFER REQUEST

Mr. Teran stated that as of May 31, 2020 there are $47,261 available in the AWPF administration account for fiscal year 2020 which ends June 30, 2020. Mr. Teran requested $161,720 of administrative funds for fiscal year 2021 which is July 1, 2020 – June 30, 2021, and stated that these funds would come from the current unobligated grant account fund balance. Chairman Jacobs asked if this fund request would cover all anticipated costs for the next fiscal year, or if it is only a partial fund request. Mr. Teran responded that this amount should cover the entire fiscal year.

Commissioner Macauley asked if the current balance of $47,261 would be subtracted from the $161,720 requested. Mr. Teran responded that the requested funds would be in addition to the $47,261. Commissioner Macauley asked for clarification if the $47,261would revert to the grant account at the end of the fiscal year. Chairman Jacobs responded that administrative fund balance of $47,261 does not account for any expenses in June 2020, but the available balance would carry forward into fiscal year 2021. Commissioner Macauley asked if the Commission would have the ability to allocate additional administrative funds later in the year in the event there was a shortage of administrative funds for fiscal year 2021. Mr. Teran responded that the Commission does have the ability to allocate more administrative funds, not to exceed the $336,000 authority provided by SB1689.

Vice-Chairman Held made a motion to authorize the requested amount of $161,720 to be transferred for program administration in fiscal year 2021, with a second from Commissioner Macauley. Commissioner Schock expressed concern that he did not understand any of the discussions regarding this agenda item because none of it made sense to him. Vice-Chairman Held explained that the administration account is separate from the grant account, and the only money that is earned for the fund is the interest on these accounts. He also stated the current interest earned is not enough to support the program administration for the Commission, so staff must request available funds from the grant account be transferred to the administration account. Commissioner Schock asked if $161,720 was the cost to administer the program

from July 1, 2019 to June 30, 2020. Mr. Teran responded $161,720 is the projected cost to administer the program for one fiscal year, and was developed in conjunction with ADWR finance program staff based on past years annual administration expenses. He also referred to the AWPF fund balance table as of May 31, 2020 and identified the interest earned, administrative fund transfer, total revenues, and total expenditures for the administration account. Chairman Jacobs also commented that there has been a $250,000 appropriation from the Legislature in ADWR's budget for AWPF which essentially helps to cover administrative support from ADWR. Commissioner Macauley stated that some of the confusion related to the requested $161,720 may be that this amount covers other expenses other than staff's base salary that includes costs that are incurred. Mr. Teran responded that the administration fund does cover Executive Director position and a ½ time legal staff position, and stated that Commissioner Macauley is correct that administration funds also cover other costs such as legal notices, printing and mailing copies of grant applications, and other related program operating costs for the year. Commissioner Schock asked if the administration account accurately reflects all AWPF program administration costs incurred through ADWR, and stated most of his confusion comes from the difference of staff's request for $161,720 and the $336,000 approved by the Legislature. Mr. Teran clarified that the total expenditures of $150,153 as of May 31, 2020 are correct under the administrative account, and explained that the $336,000 is the amount authorized by the Legislature for program administrative costs for fiscal year 2021. He further stated that ADWR and AWPF staff have projected fiscal year 2021 administrative costs at $161,720, and gave an example that if additional program staff was hired within the fiscal the Commission would have the ability to approve additional administrative funds not to exceed $336,000. Vice-Chairman Held further clarified that salary expenses under the administrative account may be also be confusing because they do not only account for the base salary for staff but also include items such as State benefits packages, health insurance, retirement, taxes, and other applicable employee related expenses.

With no further discussion Chairman Jacobs called for a vote on the motion and the motion passed unanimously.

FISCAL YEAR 2020 ARIZONA WATER PROTECTION FUND ANNUAL REPORT

Mr. Teran presented the draft fiscal year 2020 AWPF annual report for Commissioner review and comment. Chairman Jacobs asked for any comments or questions from the Commission. Vice-Chairman Held identified typos in the second paragraph in the Executive Summary and the second paragraph of the Conclusion regarding "$7500,000", which should be stated as $750,000. With no other comments Chairman Jacobs ask for a motion to approve the annual report with the stated corrections. A motion was made by Commissioner Macauley with a second from Vice-Chairman Held. Chairman Jacobs asked for any discussion on the motion. Commissioner Schock stated there are three grants that show estimated completion dates as N/A (non-applicable) and asked if those will be updated by the time the report is submitted. Mr. Teran responded that these grant award contracts are still in negotiation with the grantee and it is likely we will not have the grant contract expiration date identified by the annual report deadline. Commissioner Schock expressed concern that the funds were awarded back in November 2019 and these agreements have not been executed. Commissioner Macauley inquired if the Commission should establish a timeline requirement for the grantees to have an agreement finalized so there is an estimated completion date available for the annual report. Mr. Teran responded that this subject was discussed at the March 10, 2020 Commission meeting and there was a recommendation to include a contract execution timeframe of 12-months from the grant award date and have this incorporated into the next grant application manual. Mr. Teran also stated that the grant application manual is listed as an upcoming agenda item for today's meeting and this topic could be further discussed and finalized at that time. Chairman Jacobs recommended Commissioner Macauley's question be addressed during agenda item XII. Fiscal Year 2021 Grant Application Manual. To follow up on Commissioner Schock's comments Vice-Chairman Held suggested

to use the grant application's proposed project timeline to identify the estimated project completion dates so it would not have to be shown as N/A. Chairman Jacobs asked for an amended motion on the annual report approval if this suggestion would like to be included by the Commission. Commissioner Macauley amended his original motion to include directing the Executive Director to update the annual report with estimated project completion dates listed as N/A with the estimated project completion date identified for the corresponding grant application, and to allow the Chairman to draft and sign the annual report cover letter, with a second from Vice-Chairman Held. Chairman Jacobs asked for any discussion on the amended motion. There was no further discussion and motion passed unanimously.

FISCAL YEAR 2021 GRANT CYCLE

Mr. Teran stated the purpose of this agenda item is for the Commission to determine if they would like to move forward with a grant cycle for fiscal year 2021. He then referred to the current uncommitted fund balance for the program of $660,304 that was discussed earlier in the meeting. He explained that projected administrative support for the program for the next four years is anticipated to be $646,880 to administer current AWPF grant award contract obligations through fiscal year 20204. He further stated that if no other funding was made available to the program at this this point the uncommitted fund balance would allow the Commission to grant up to $13,424 based on available funds and financial status of the program as of May 31, 2020.

Mr. Teran then explained the scenario for fiscal year 2021 which included the current uncommitted fund balance of $660,304, plus the fiscal year 2021 Legislative appropriation of $250,000, less the fiscal year 2021 administrative fund request of $161,720 just approved by the Commission, and less the future projected program administrative support of $485,160 for the next three years to support existing grant award contract obligations. This scenario would allow the Commission to grant up to $263,424 assuming no other funding was allocated to the program in the future. He also stated that there are no in-lieu tax fees anticipated to be deposited into the Water Protection Fund in fiscal year 2021 and further stated that there may be a possibility of budget reductions to any fiscal year 2021 appropriations following the assessment of COVID-19 impacts on State financial resources.

Vice-Chairman Held commented that he understands the figures Mr. Teran is using regarding the uncommitted fund balance and funding scenarios, but stated that since the Commission has not yet approved any future administrative funds for the program past fiscal year 2021 so the projected future administrative costs of $485,160 should not be considered as obligated, and the uncommitted fund balance should technically be identified as $748,584.

Commissioner Macauley commented that his concerns are regarding COVID-19 and if current grantees will be able to perform the proposed field work on existing grant award contracts. If not, it would result in potential delays to the project which would also mean there are no expenditures occurring except for the administrative costs.

Chairman Jacobs commented that Mr. Teran stated earlier in the meeting that there was a potential for delays on current projects due to COVID-19 and asked if there have been any formal notifications to date. Mr. Teran responded that there have been no formal requests for a grant award contract extension yet, but stated that one grantee has inquired how AWPF would handle the situation if they were not able to implement field work since spring vegetation treatments and monitoring activities for the project were cut short this year. Commissioner Macauley commented that the Commission should approach the discussion of possible grant contract extensions in a proactive manner since there may come a time when grantees do request extensions because they cannot get work done.

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Chairman Jacobs requested clarification if there have been years without a grant cycle. Vice-Chairman Held and Commissioner Macauley both responded yes. Chairman Jacobs also asked what the recent average grant award has been for the program. Mr. Teran replied that grants have ranged from about $300,00 to $50,000 in recent years and the average grant is about $150,000. Chairman Jacobs said the options currently available are to not move forward with a grant cycle for fiscal year 2021 or offer a grant cycle based on the current uncommitted fund balance or at a funding level determined by the Commission.

Vice-Chairman Held stated that he supports the projected fiscal year 20201 scenario information Mr. Teran had presented and commented that it may be reasonable for the Commission to assume that no additional funding could come to the program. He also commented that it may be reasonable for the Commission to consider awarding grants up to $263,424, but questioned if there would be enough interest by potential proponents to submit an application unless the Commission opted to grant many more projects at smaller dollar amounts.

Chairman Jacobs asked if there were any motions from the Commission regarding a grant cycle for fiscal year 2021. Vice-Chairman Held made a motion to defer the grant cycle for fiscal year 2021, with a second from Commissioner Macauley. Chairman Jacobs asked for any discussion regarding the deferment of a grant cycle for fiscal year 2021. Vice-Chairman Held commented that for discussion purposes the Commission should first decide the funding amount they would consider for a grant cycle as either $748,548 or $263,424. Vice-Chairman Held stated that his opinion is to consider the uncommitted fund amount as $263,424. Commission Macauley also agreed that $263,424 be considered the uncommitted fund amount. Chairman Jacobs stated that he supports the uncommitted fund amount as $263,424. Commissioner Schock commented that supports the $263,424 uncommitted fund balance, but does not like the idea of not having a grant cycle this year because it was only two years ago the Commission did not have a grant cycle and he is concerned that people will start losing interest in coming to the Commission with good grant applications. Commissioner Schock stated that it appeared the $1,000,000 appropriation had a good chance of making it through the Legislative process had it not been for COVID-19, and commented that if this were the case then the assumption that the Water Protection Fund may not be receiving any additional funds in the future wouldn't be true. Chairman Jacobs commented that the long-term economic effects of COVID-19 are not known and there is always a possibility that the Legislature could sweep funds from any State account. Vice-Chairman Held also commented that the Water Protection Fund grant account was swept in approximately 2008 or 2009 when the economy crashed. Commissioner Macauley commented that tax revenues and income for all levels of government may be down considerably because of COVID-19 and should be considered because it could also have an effect on current and anticipated revenues for the AWPF program.

Commissioner Pierpoint commented that the Commission should move forward with a grant cycle but consider limiting the grant awards between $50,000 - $75,000. Chairman Jacobs requested confirmation if the Commission would be allowed to do this. Mr. Teran responded that the Commission oversees the Water Protection Fund and may set the parameters as they see fit to implement a grant cycle. Mr. Teran also stated that the Commission will be discussing the grant application manual during the next agenda item and if any updates are necessary to address implementing a grant cycle the Commission will have the opportunity to set the grant application requirements at that time. Vice-Chairman Held commented that he is looking at the current annual report and the dollar amounts of the projects that have been funded and has concerns about setting a lower limit on the amount of funding that can be requested. He also stated a lot of restoration projects may not fit into that low budget category given that riparian restoration projects are generally expensive. He further stated that proponents may not want to take the time to fill out an AWPF grant application if only $268,424 is available for funding.

Chairman Jacobs stated that based on the discussion he is going to have the Executive Director take a roll call vote on the motion to defer the grant cycle for fiscal year 2021. Mr. Teran proceeded with the roll call:

Pat Jacobs – Chairman	Aye
Rodney Held – Vice-Chairman	Aye
Paul Brick	Absent
Lucinda Earven	Absent
Michael Macauley	Aye
Roy Pierpoint	Aye
William Schock	Aye

The motion passed unanimously.

FISCAL YEAR 2021 GRANT APPLICATION MANUAL

Mr. Teran stated that although the Commission will not be implementing a grant cycle for fiscal year 2021, the draft grant application manual still needs to be reviewed and finalized based on the comments and direction provided by the Commission at the March 10, 2020 meeting. Mr. Teran also stated that all comments or requested changes provided by the Commission are included and identified in red text with additions noted in italics and deletions noted as strikeout, and any information in yellow highlight was pending based on the decision of the previous agenda item. He further informed the Commission that this is the time to either formally adopt these changes or provide additional comments, with the intent of finalizing the grant application manual during this meeting. He then went page by page to identify the proposed changes and updates. Sections that generated discussion are noted below:

- Page 11, paragraph 4: Commissioner Macauley asked if the 12-month timeframe identified to execute a grant award contract needed to be shorted so that in future AWPF annual reports an anticipated project completion date could be listed based on the grant award contract. Mr. Teran responded that for the 2020 annual report the Commission just approved the inclusion of the anticipated project completion date based on the grant application project timeframe if a grant award contract was not yet finalized by the annual report due date. Vice-Chairman Held commented that some grant award contracts may take longer than others to negotiate and stated that he would defer to the Executive Director if the 12-month timeframe was feasible. Mr. Teran responded that the intent is to get the grant award contracts fully executed as soon as possible following the grant awards, and 12-months should be plenty of time. Chairman Jacobs requested the Executive Director provide an update on recent grant award contract negotiation timeframes at the next Commission meeting.

- Page 18, paragraph 5: Vice-Chairman Held requested clarification if a letter of support should come from the State Land Department, rather than the State Trust Land lessee. Mr. Teran responded that during the grant application reviews from the last grant cycle the Arizona State Land Department provided comments that the agency does not provide letters of support for a proposed project because most work done on State Trust Lands requires a review process to issue a permit or authorization. Vice-Chairman Held asked why the lessee would need to submit a letter of support if they are already applying for the applicable permit for the project. Commissioner Macauley responded that any work done on State Trust Land requires an application be to submitted by the lessee, and commented that this paragraph could be amended to have a copy of the State Trust Land application approval included with the grant application, but noted that it may take up to one year to get an approval based on the proposed action.

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It was noted that a member of the State Land Department was present who requested to make a comment.

CALL TO THE PUBLIC

Based on the discussion, Chairman Jacobs asked the Commission if there are any objections to making a call to public. No objections were made. Chairman Jacobs made a call to the public. Ms. Pam Muse of the Arizona State Land Department stated that she concurs with previous comment that the State Trust Land lessee should provide a copy of the approved application to place an improvement on State Trust Land with the AWPF grant application.

FISCAL YEAR 2021 GRANT APPLICATION MANUAL (cont.)

Chairman Jacobs re-initiated the discussion on the Fiscal Year 2021 Grant Application Manual.

- Page 18, paragraph 5 (cont.): Chairman Jacobs stated that the issue before the Commission is whether the AWPF grant application manual should include the statement that documentation of the approval from the Arizona State Land Department be included with the grant application, if a letter of support from the lessee indicating that an application to place an improvement on Arizona State Trust Lands has been submitted with the understanding that approval may not be obtained prior to the grant award selections, or both. Commissioner Macauley stated that having approval from the Arizona State Land Department would be sufficient and would allow the project to proceed because the lessee or any third party would not be able to do any work until that approval is obtained, and the lessee would be the person responsible for submitting the application to the State Land Department. Commissioner Macauley further stated that the current language should promote and direct coordination between entities who want to implement a project on State Trust Lands but are not the lessee, instead of going around them in the process. Vice-Chairman commented that that he now understands the current language in the manual is intended for AWPF grant applicants who are not the State Trust Land lessee. Chairman Jacobs asked if the applicable State Land Department permit needs to be obtained before a grant award agreement is approved or executed. Mr. Teran responded that if there is a letter of support from the State Trust Land lessee the AWPF grant application may be considered by the Commission, and any subsequent grant award contract would contain deliverable language that requires the grantee to submit the final State Land Department approval or permit prior to any ground disturbing activities.

- Page 39, paragraph 2.: Chairman Jacobs asked for clarification about the project manager referenced in the AWPF grant award contract General Provision 21. Equipment, section d. Mr. Teran stated that the project manager would be the AWPF staff assigned to administer the grant award contract.

Chairman Jacobs for any other comments or suggested updates to the grant application manual. No comments were made. A motion to approve the Fiscal Year 2021 Grant Application Manual and strike all proposed fiscal year 2021 grant cycle related dates and schedules was made by Commissioner Schock, with a second from Vice-Chairman Held. The motion passed unanimously. Commissioner Schock commended Mr. Teran for his work updating the grant application manual based on all the comments and recommendations provided at last Commission meeting.

DRAFT

FINAL CALL TO THE PUBLIC

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

CALL FOR FUTURE AGENDA ITEMS

- Chairman Jacobs requested the Executive Director to present an update on recent grant award contract negotiation timeframes to assess if the new 12-month provision in the grant application manual is applicable.

- Commissioner Pierpoint requested that a meeting of the Water Protection Fund Commission be called for the consideration of a grant cycle if any money becomes available for grants in the next several months.

- Chairman Jacobs requested an update be provided on Water Protection Fund Commission vacancies.

- Chairman Jacobs requested Mr. Teran provide an update on the pros and cons of other virtual meeting platforms and programs that could be used to support AWPF Commission meetings.

FUTURE MEETING DATE(S)

The Commission selected the next meeting date for Tuesday, November 10, 2020.

Mr. Teran stated that for the foreseeable future all AWPF Commission meetings will continue to be held virtually until further notice. Chairman Jacobs thanked Mr. Teran and Ms. Sharon Scantlebury staff for their work in providing the resources and technical support for this virtual meeting.

Commissioner Pierpoint inquired if the Zoom meeting format could be used for future meetings. Mr. Teran responded that he will have to research this further. He also stated that the Arizona Department of Water Resources is currently supporting the use and license of Cisco WebEx for the AWPF program.

ADJOURN

Commissioner Macauley announced that he is resigning from the AWPF Commission since he is no longer on the Coconino Natural Conservation District Board and can no longer represent Conservation Districts on the AWPF Commission. Chairman Jacobs thanked him for his service and commented that Mr. Macauley's contributions to the Commission's work have been excellent and greatly appreciated. Mr. Macauley stated that serving on the Commission has been a pleasure and a very rewarding experience, and he thanked everyone for all the support they have given him.

With no other agenda items Chairman Jacobs asked if there is a motion to adjourn. Vice-Chairman Held made a motion to adjourn, with a second from Commissioner Schock. The motion passed unanimously, and the meeting adjourned at 11:22 a.m.

DRAFT

Lower Verde River Riparian Restoration Project Final Report

GRANT NO. 17-192WPF

Melissa McMaster

Ecologist

Mariposa Ecological and Botanical Consulting

And

Karen Shaw

Air Quality Specialist

Fort McDowell Yavapai Nation

Project components

- Treat arundo and tree tobacco along 10 miles of the Verde river for 2 years
- Develop a restoration plan for the 10 mile stretch of the Verde River
- Develop and implement a restoration plan for a 30-acre pilot project site

Arundo and tree tobacco

2018

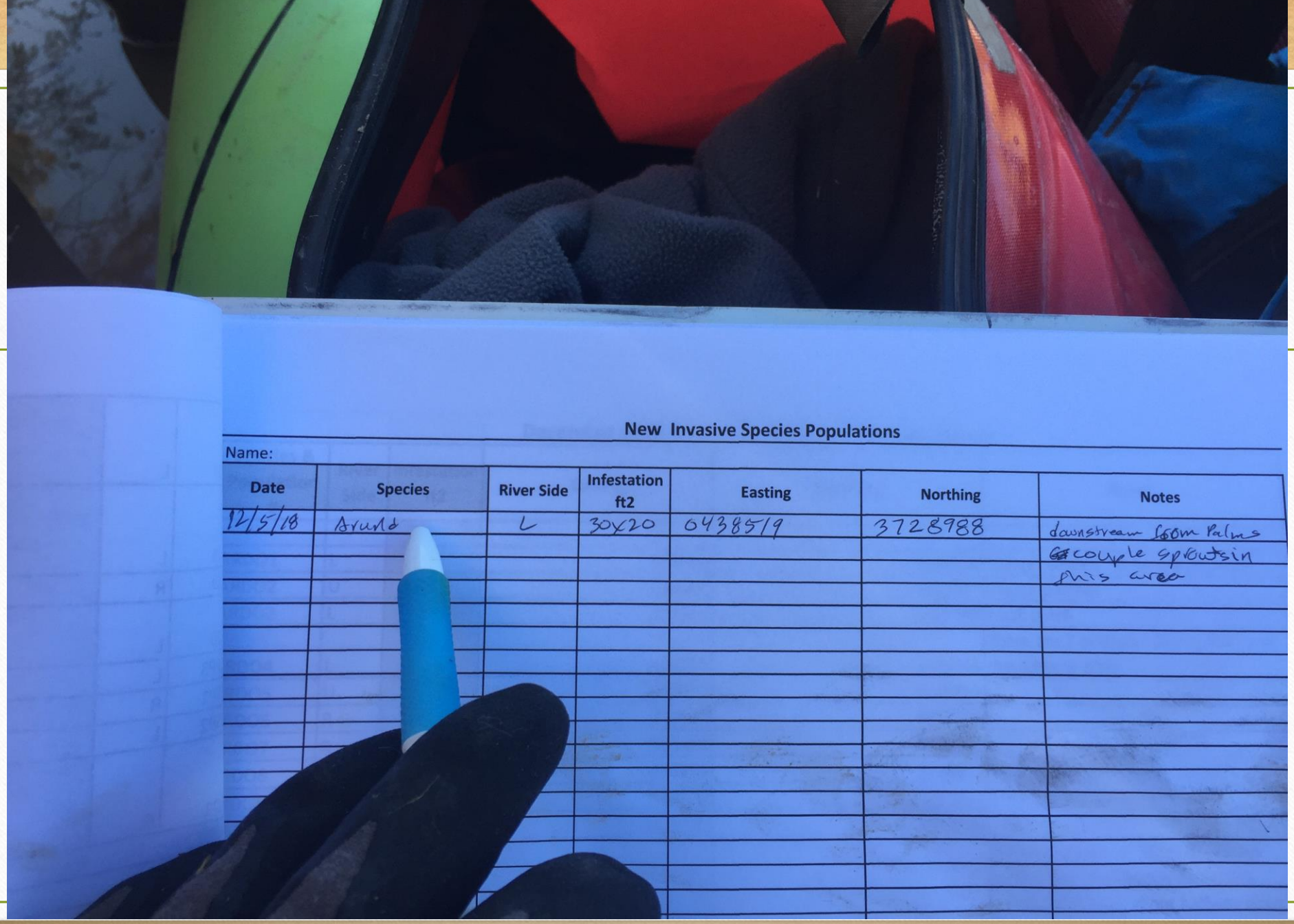
- 254 m^2 (aerial cover) of giant reed and 8 m^2 (aerial cover) of tree tobacco

2019

- 183 m^2 (aerial cover) of giant reed and 84 m^2 (aerial cover) of tree tobacco.

Photo 2. Giant reed pre-treatment.

Photo 3. Giant reed post-treatment.



New Invasive Species Populations

Name:

Date	Species	River Side	Infestation ft2	Easting	Northing	Notes
12/5/18	Arund	L	30x20	0438519	3728988	downstream from Palms ~~ca~~ couple sprouts in this area

CATERPILLAR

Arundo and tree tobacco challenges

- 2017 high flow and tree tobacco establishment
- Steep banks and deep river channel
- Sought funding for 2 weeks a year
- New AWPF grant for 2020-2022

Pilot project site- site assessment

Pre-treatment

- Depth to water and soil salinity
  - 21 soil samples from 16 pits
  - Good soils for riparian species!
- Vegetation community monitoring

Table 1: Soil salinity results from the Lower Verde River Riparian Restoration Project			
Native Plant Species	Salt tolerance level- soil salinity range 1ds/m)	Number of sample points within threshold	Percentage of sample points within the project area
Cottonwood/Willow	0.0-3.0	21	100%
Native Salt Tolerant Species	9.4+	21	100%

Signature
SELECT
Sycamore
4C
FREEZER

Pilot project site- Tamarisk removal

2018

Treated 25 acres

2019

Retreated 25 acres and cleared 5 more acres

Pilot project site- Monitoring

- Overall, the Pilot Project site is recovering as we would expect and is looking healthy and resilient.
- In the 2019 Annual report, we were slightly concerned with the significant decrease in native plant cover after crews treated the tamarisk. However, in 2020, the cover of native vegetation was back to where it had been pretreatment and in some cases, had significantly increased.

Figure 2. A Sample of Photographs

Photo 1. Monitoring Transect Pre-Treatment

Photo 2. Monitoring Transect Post-Treatment

FMYN 1
T1
Start
11/9/18
View 2

FMYN
T1
Start
5/16/19
View 2

Photo 3. Example of high-stumping the trees before cutting them low and applying herbicide

Photo 4. Example of a site post-tamarisk removal with low stumps.

Photo 5. Example of a tamarisk slash pile.

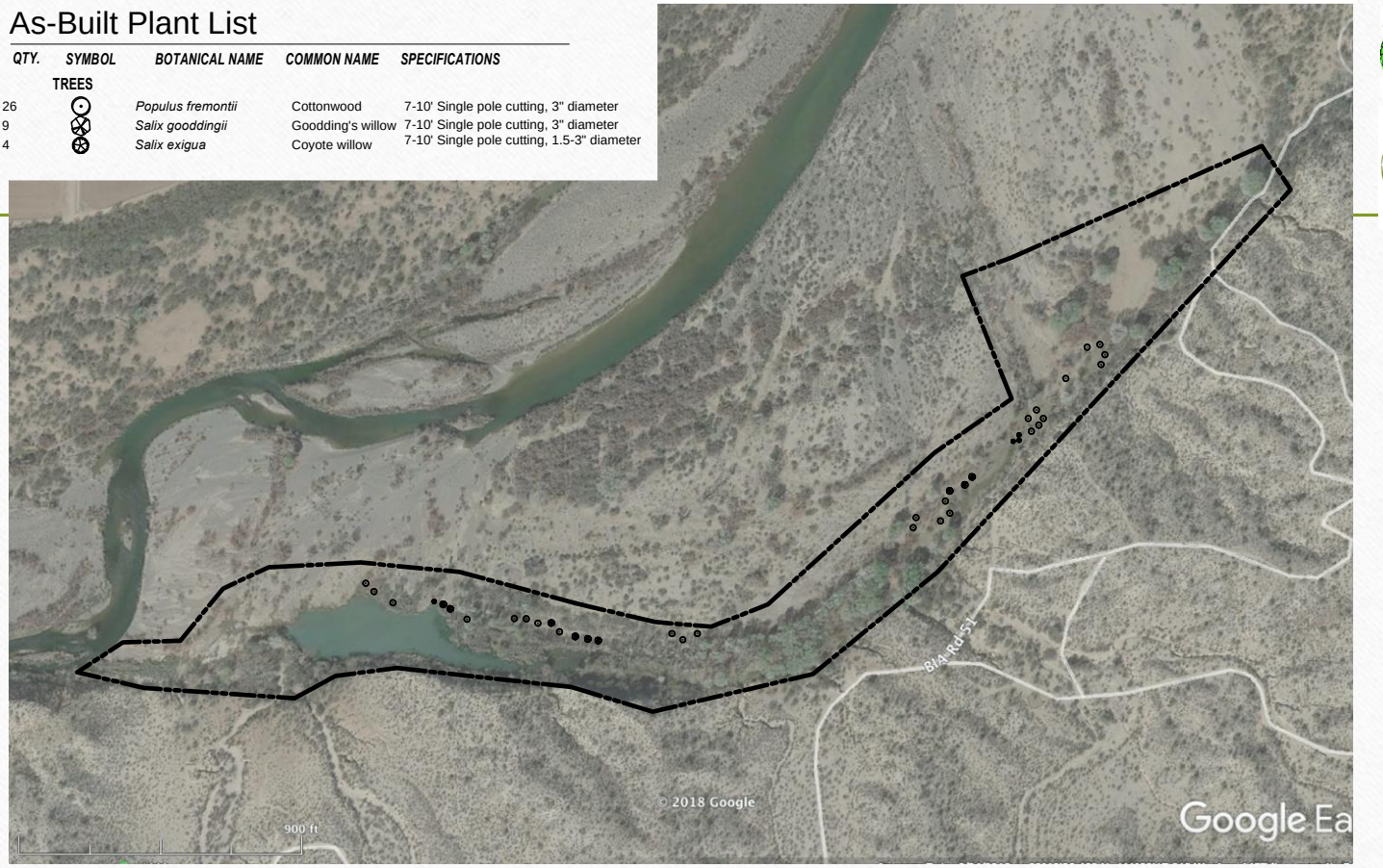
Pilot project site- pole planting

In total we collected and planted 26 cottonwood poles, 9 Goodding's willow poles, and 4 coyote willow poles.

- 16 of the cottonwood poles survived (62%)
- 24 of the Goodding's willow and coyote willow survived (92%)

As-Built Plant List

QTY.	SYMBOL	BOTANICAL NAME	COMMON NAME	SPECIFICATIONS
	TREES			
26		*Populus fremontii*	Cottonwood	7-10' Single pole cutting, 3" diameter
9		*Salix gooddingii*	Goodding's willow	7-10' Single pole cutting, 3" diameter
4		*Salix exigua*	Coyote willow	7-10' Single pole cutting, 1.5-3" diameter



MORNING Dew LANDSCAPING, INC.
(928) 779-3125
14 South Leroux Street
Flagstaff, AZ

MARIPOSA ECOLOGICAL AND BOTANICAL CONSULTING
www.mariposaeco.com

Lower Verde River
Riparian Restoration Project
Fort McDowell Yavapai Nation

Phase 1 Planting Plan (Pole Plantings)
Plants Installed February 2020

Scale: 1" = 300'

0' 150' 300' 600' 900'

North

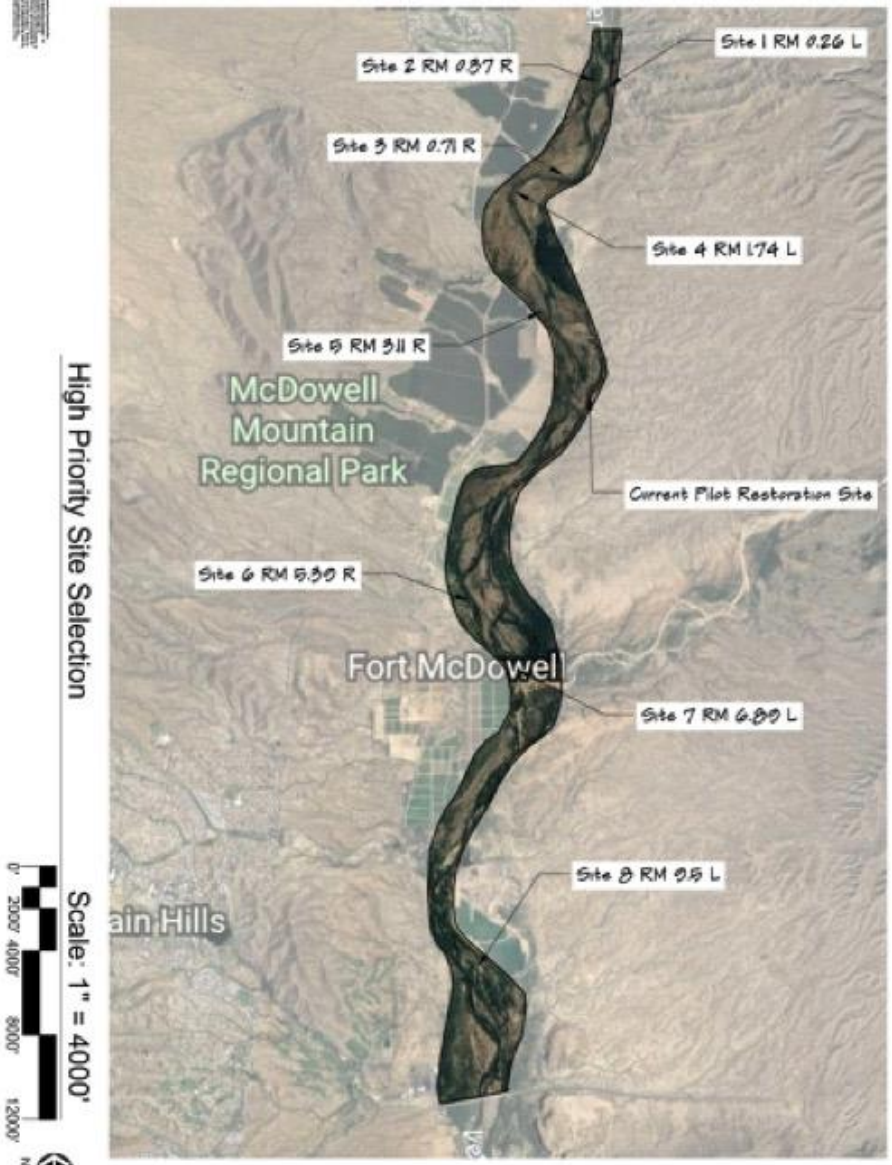
Sheet 1 of 3

Copyright
The following drawings are instruments of service to the Landscape Architect. They are not products of design. All rights including copyright and other property rights in the ideas represented by this drawing are owned by and the property of the designer, and were created, evolved, and developed by the designer. Neither the drawings, nor any part thereof, nor such ideas, designs, arrangements, or plans shall be used by or disclosed to any person, firm, or corporation for any purpose whatsoever without the written permission of the Designer.

TOMCAT TANDEM

Restoration Manual

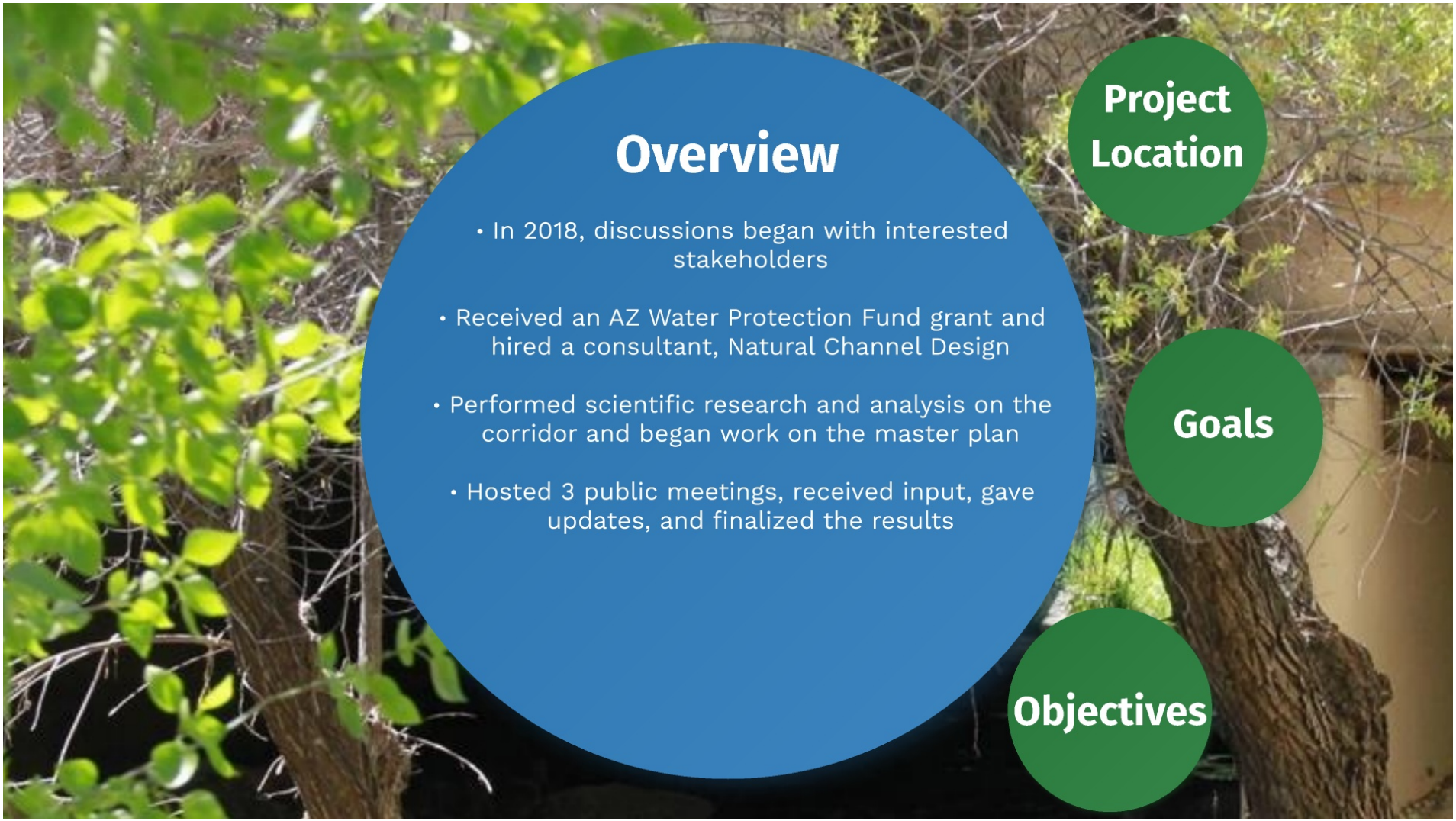
- Identified 8 more site for potential restoration along the 10 mile stretch of river



Thank you.

Questions?

Intro
Key Takeaways
Cost Estimates
Implementation Strategy
Map
Granite Creek Corridor Master Plan


Overview
• In 2018, discussions began with interested stakeholders
• Received an AZ Water Protection Fund grant and hired a consultant, Natural Channel Design
• Performed scientific research and analysis on the corridor and began work on the master plan
• Hosted 3 public meetings, received input, gave updates, and finalized the results
Project Location
Goals
Objectives

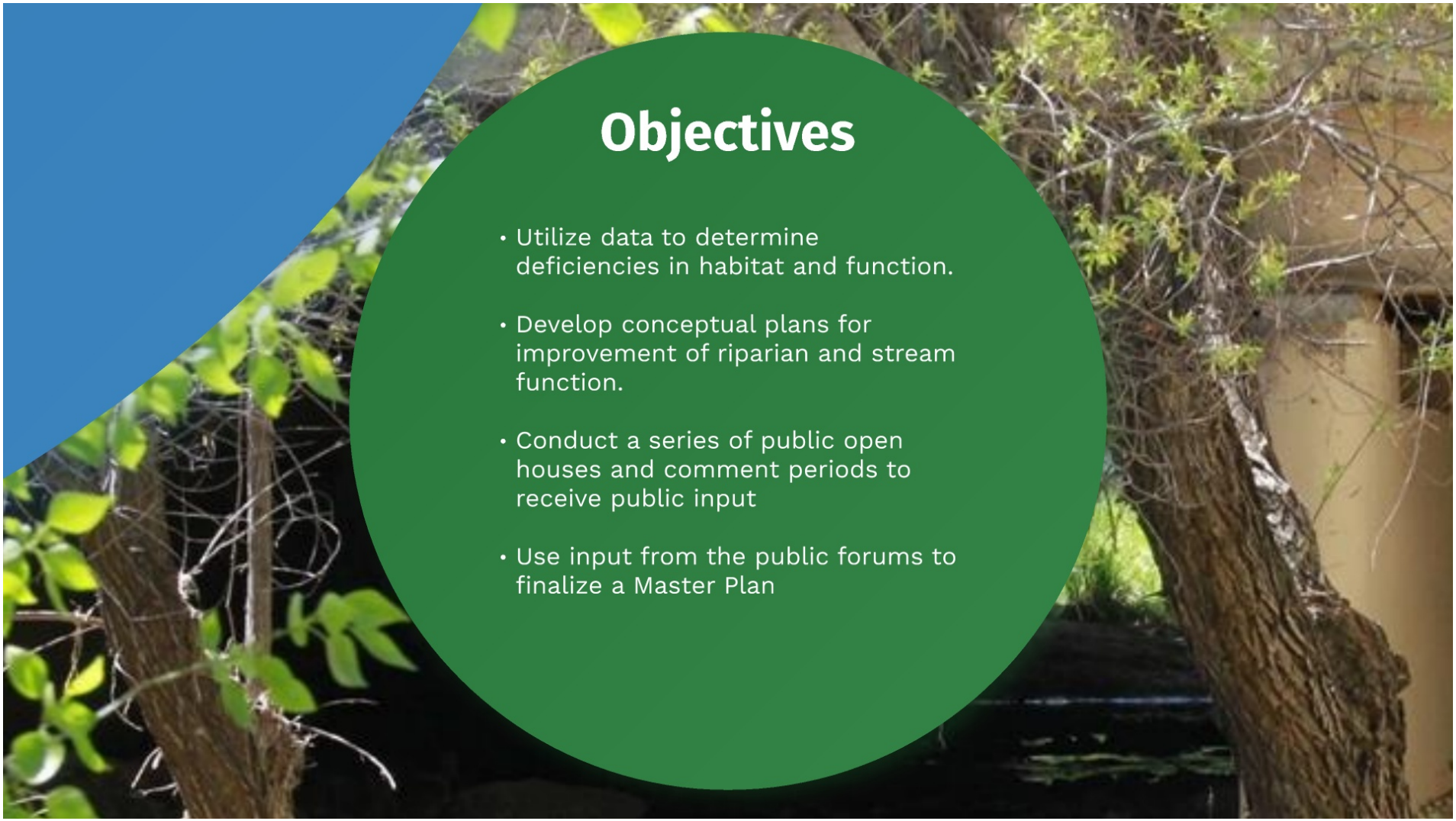
Description of Area

The project area is an approximately 1 mile long, 70 ft wide corridor of Granite Creek that begins at Aubrey Street and ends in Granite Creek Park at Montezuma Street. The reach includes a narrow riparian area, which is relatively unique in that it exists within a rapidly growing urban setting.

It includes a busy urban trail that allows access to green space but also connects to Granite Creek Park, the downtown area, and surrounding residential areas.

Goals

- Restore the beauty and native landscape of the corridor to improve riparian habitat and water quality
- Improve the usability of the trail, allowing greater access and safety
- Improve opportunities for interpretation of Prescott history and resources
- Reduce the risk of flood conditions for the properties along the creek



Objectives

- Utilize data to determine deficiencies in habitat and function.
- Develop conceptual plans for improvement of riparian and stream function.
- Conduct a series of public open houses and comment periods to receive public input
- Use input from the public forums to finalize a Master Plan

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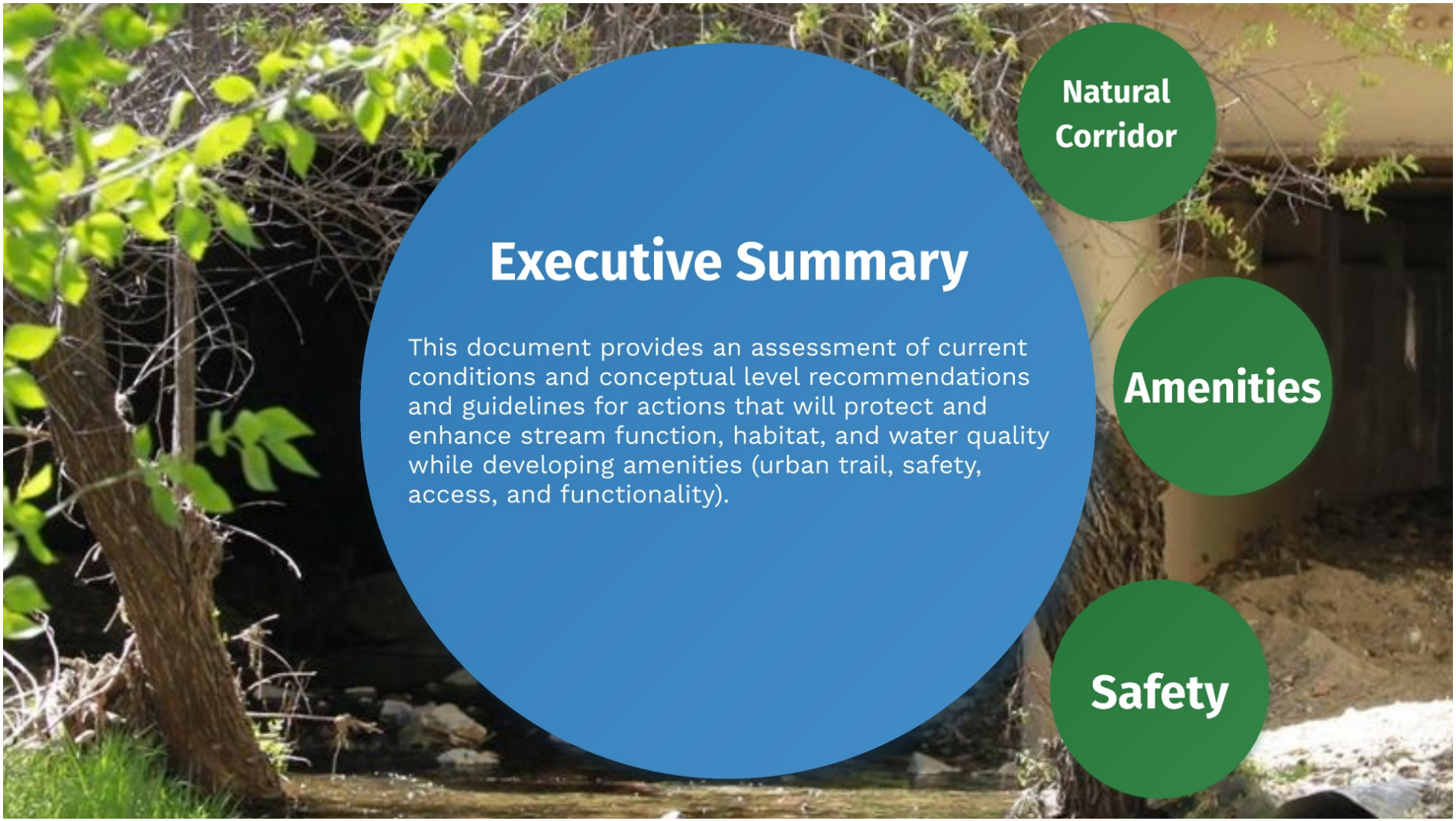
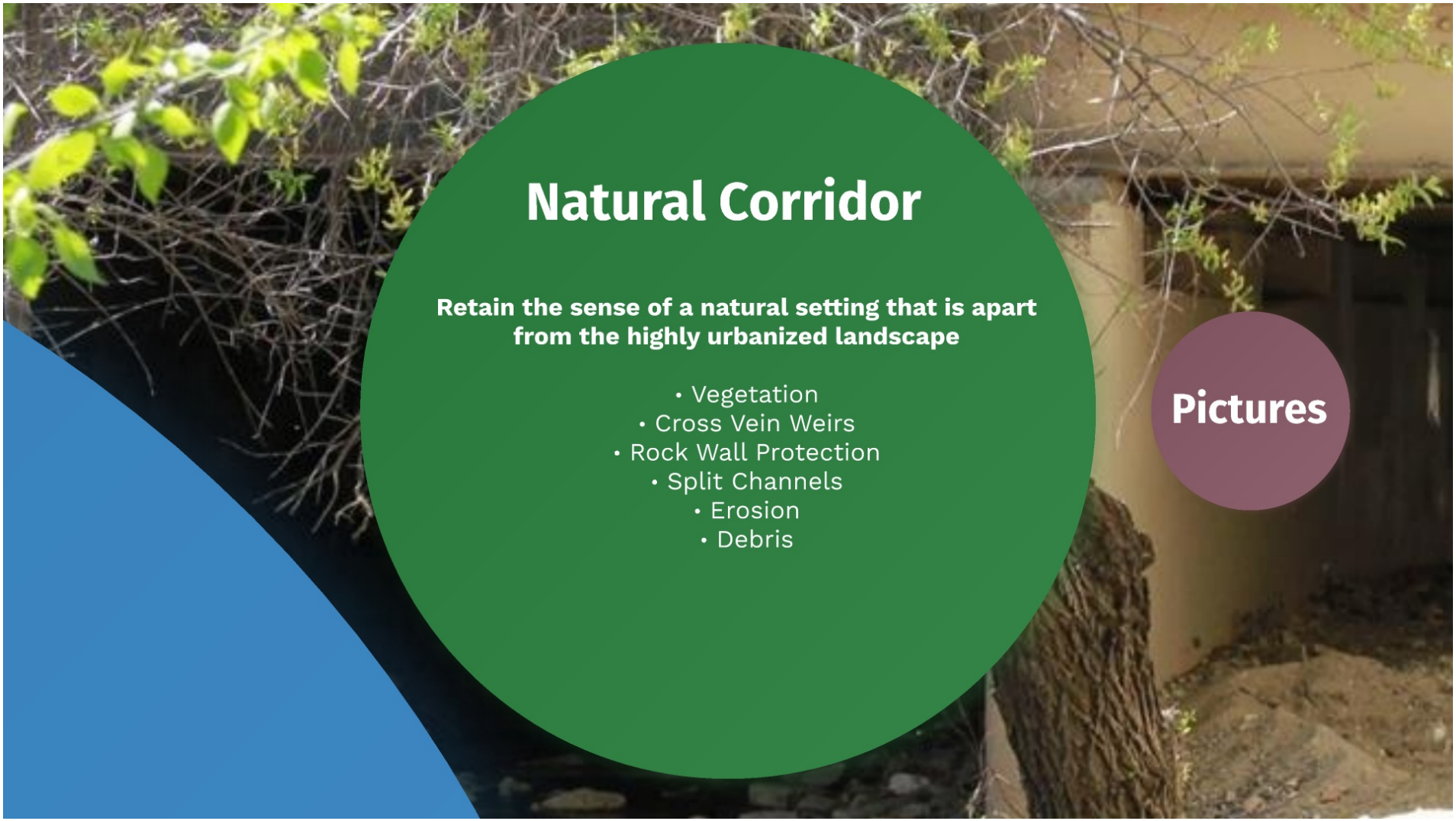


Executive Summary

This document provides an assessment of current conditions and conceptual level recommendations and guidelines for actions that will protect and enhance stream function, habitat, and water quality while developing amenities (urban trail, safety, access, and functionality).


Natural Corridor
Retain the sense of a natural setting that is apart from the highly urbanized landscape
• Vegetation
• Cross Vein Weirs
• Rock Wall Protection
• Split Channels
• Erosion
• Debris
Pictures

Granite Creek Cooridor
Carleton to Goodwin Reach
Canopy Cover
Elm Canopy
Native Canopy
Area Polygon
Trail
0 25 50 100
Feet

Amenities

Improve access to the trail at all cross streets; increase connectivity to other trails and places of interest and add signage

- Trail & Amenity Improvements

Pictures

Safety

Improve sense of safety primarily through added lighting and improved sight lines

Pictures

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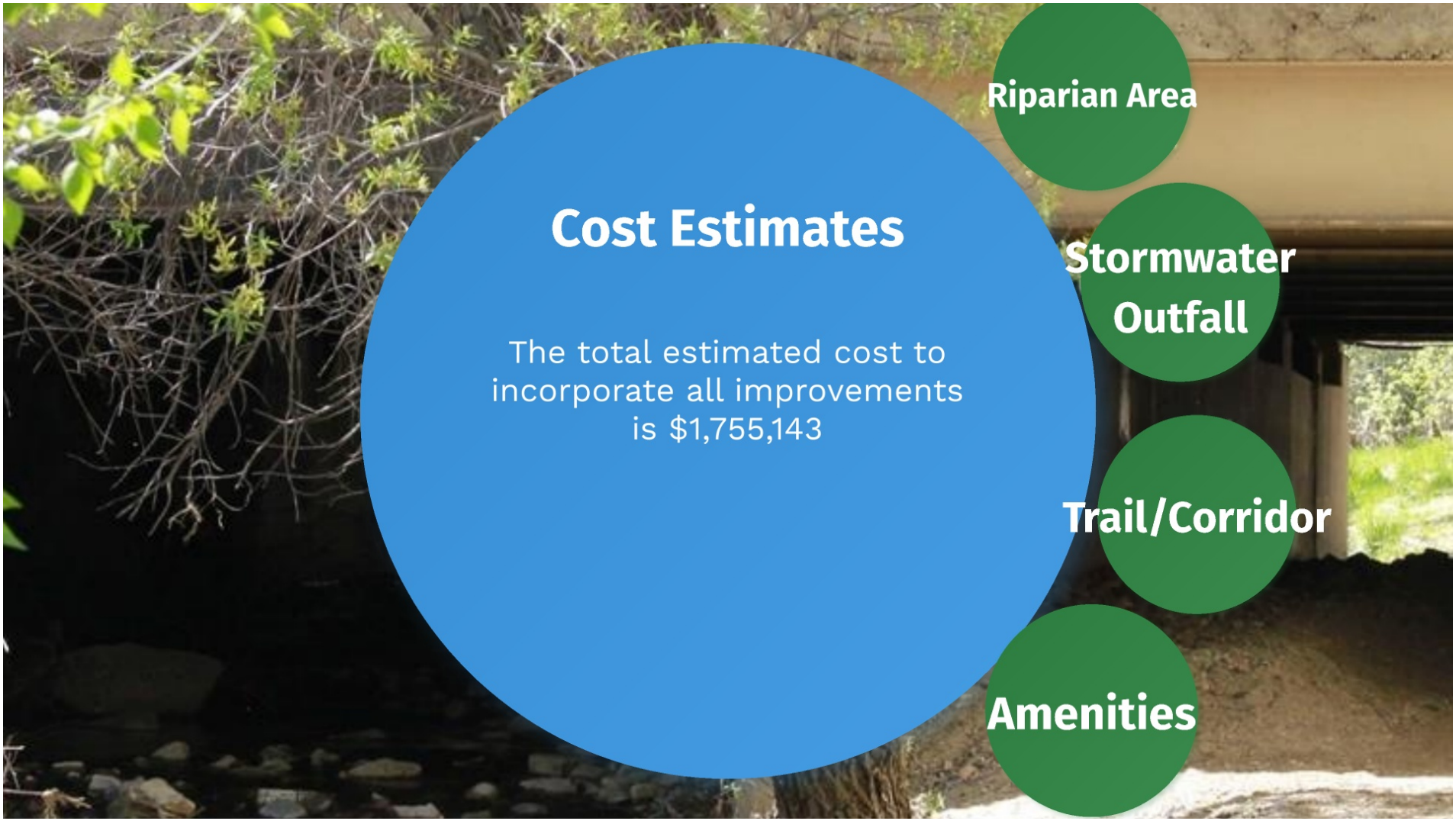
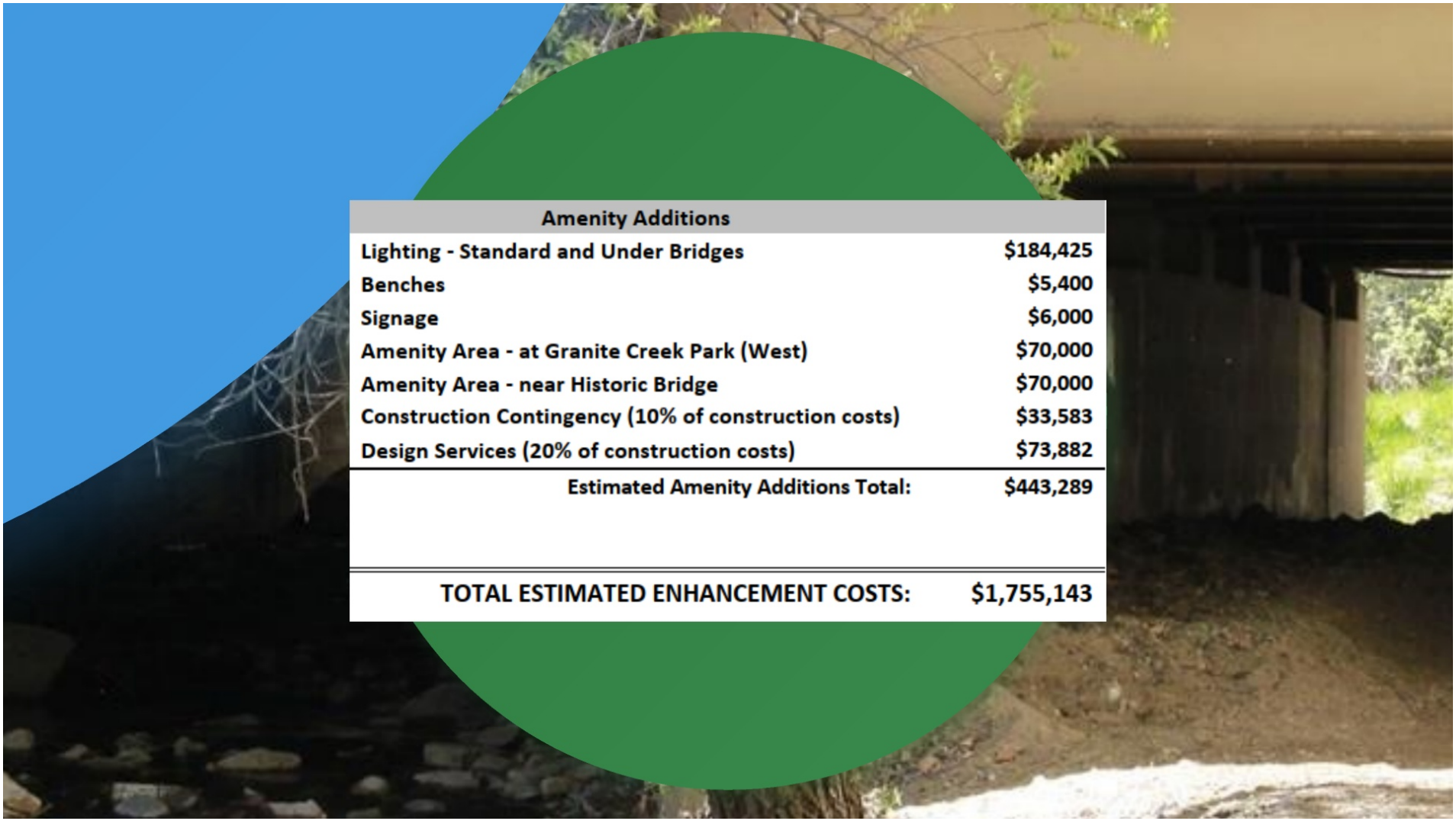

Cost Estimates
The total estimated cost to incorporate all improvements is $1,755,143
Riparian Area
Stormwater Outfall
Trail/Corridor
Amenities

Riparian Area Improvements	
Install Cross Vane Weirs	$48,000
Repair Split Channels	$79,925
Repair Narrowed Channels	$32,230
Lower Floodplain	$83,150
Protect Existing Rock Wall	$60,230
Vegetation for Bank Protection	$13,175
Remove Debris in Channel	$2,600
Mobilization/Demobilization	$25,000
Construction Layout	$10,000
Construction Management	$35,431
Utility Abandonment	$40,000
Construction Contingency (10% of construction costs)	$42,974
Design Services (20% of construction costs)	$94,543
Permitting	$15,000
Estimated Riparian Area Improvements Total:	$582,258

Stormwater Outfall Improvements	
2 Zuni Bowls/LID	$2,880
Rock Chute/Outlet Protection	$14,200
Splash Pad/Riprap Channel at Willis	$6,720
Zuni Bowl, Cross Vane Weirs (Granite Creek Park)	$20,880
Earthwork for Stormwater Improvements	$3,300
Mobilization/Demobilization	$10,000
Construction Layout	$5,000
Construction Management	$6,298
Construction Contingency (10% of construction costs)	$6,928
Design Services (20% of construction costs)	$15,241
Permitting	$15,000
Estimated Stormwater Improvements Total:	$106,447

Trail/Corridor Improvements	
Improve Trail Surface - Aubrey to Willis	$25,900
Construct ADA Access at Goodwin	$57,410
Replace Access at Gurley	$15,000
Concrete Ramp at Goodwin (with handrail)	$12,000
Update Aubrey & Willis Access Points to meet ADA	$57,410
Retaining Wall	$148,000
Enhance Crosswalk at Willis	$21,200
Create Designated Trail - Willis to Park	$8,750
Mobilization/Demobilization	$25,000
Construction Layout	$10,000
Construction Management	$36,867
Construction Contingency (10% of construction costs)	$41,754
Design Services (20% of construction costs)	$91,858
Remove Medium to Large Elms	$72,000
Estimated Trail/Corridor Improvements Total:	$623,149



Amenity Additions	
Lighting - Standard and Under Bridges	$184,425
Benches	$5,400
Signage	$6,000
Amenity Area - at Granite Creek Park (West)	$70,000
Amenity Area - near Historic Bridge	$70,000
Construction Contingency (10% of construction costs)	$33,583
Design Services (20% of construction costs)	$73,882
Estimated Amenity Additions Total:	$443,289
TOTAL ESTIMATED ENHANCEMENT COSTS:	$1,755,143

Intro
Key Takeaways
Cost Estimates
Implementation Strategy
Map
Granite Creek Corridor Master Plan

Implementation Strategy
1. Identify funding sources
2. Coordinate with affected neighboring properties
3. Develop preliminary plans considering the Clean Water Act implications and 404 permit
5. Finalize design plans and specifications
6. Go out to bid and issue contracts
7. Perform Construction
a. Clear vegetation
b. Construct channel stabilization
c. Construct peripheral projects (trail, drainage, utilities, lighting, walls, etc.)
d. Revegetate
Priority Recommendations
Next Steps

Next Steps

- Follow Up Survey:
  https://www.surveymonkey.com/r/GraniteCreek
- Results to be compiled and presented in final report to the AZ Water Protection Fund
- Grant Funding will be pursued from various sources, including the AZ Land & Water Conservation Grant

Priority Recommendations

- Add grade control
- Protect retaining walls from being undermined
- Remove Siberian elm and tree of heaven and clear overly dense vegetation and trees in active channel
- Improve floodplain and trail grade
- Improve drainage under bridges
- Increase Low Impact Development/Green Infrastructure
  - Improve ADA access to the trail
  - Improve sense of security in the corridor primarily through lighting and improved sightlines
  - Increase connectivity to other trails

Intro
Key Takeaways
Cost Estimates
Implementation Strategy
Map
Granite Creek Corridor Master Plan

GRANITE CREEK CORRIDOR MASTER PLAN

LEGEND

- EXISTING PRIMARY ACCESS POINT
- PROPOSED PRIMARY ACCESS POINT
- EXISTING SECONDARY ACCESS POINT
- PROPOSED SECONDARY ACCESS POINT
- PROPOSED ENHANCED CONNECTION
- PROPOSED WAYFINDING SIGN
- TOE ROCK WALL PROTECTION
- PROPOSED RETAINING WALL
- EXISTING AMENITY
- PROPOSED AMENITY AREA
- PROPOSED CROSS-VANE WEIR

TOE ROCK WALL PROTECTION

PROPOSED WAYFINDING SIGN

PROPOSED RETAINING WALL

PROPOSED CROSS-VANE WEIR

PROPOSED AMENITY AREA

Intro
Key Takeaways
Cost Estimates
Implementation Strategy
Map
Granite Creek Corridor Master Plan

AMERICAN GULCH CHANNEL AND RIPARIAN ENHANCEMENT

Town of Payson, Gila County, Arizona

Stakeholders Involved

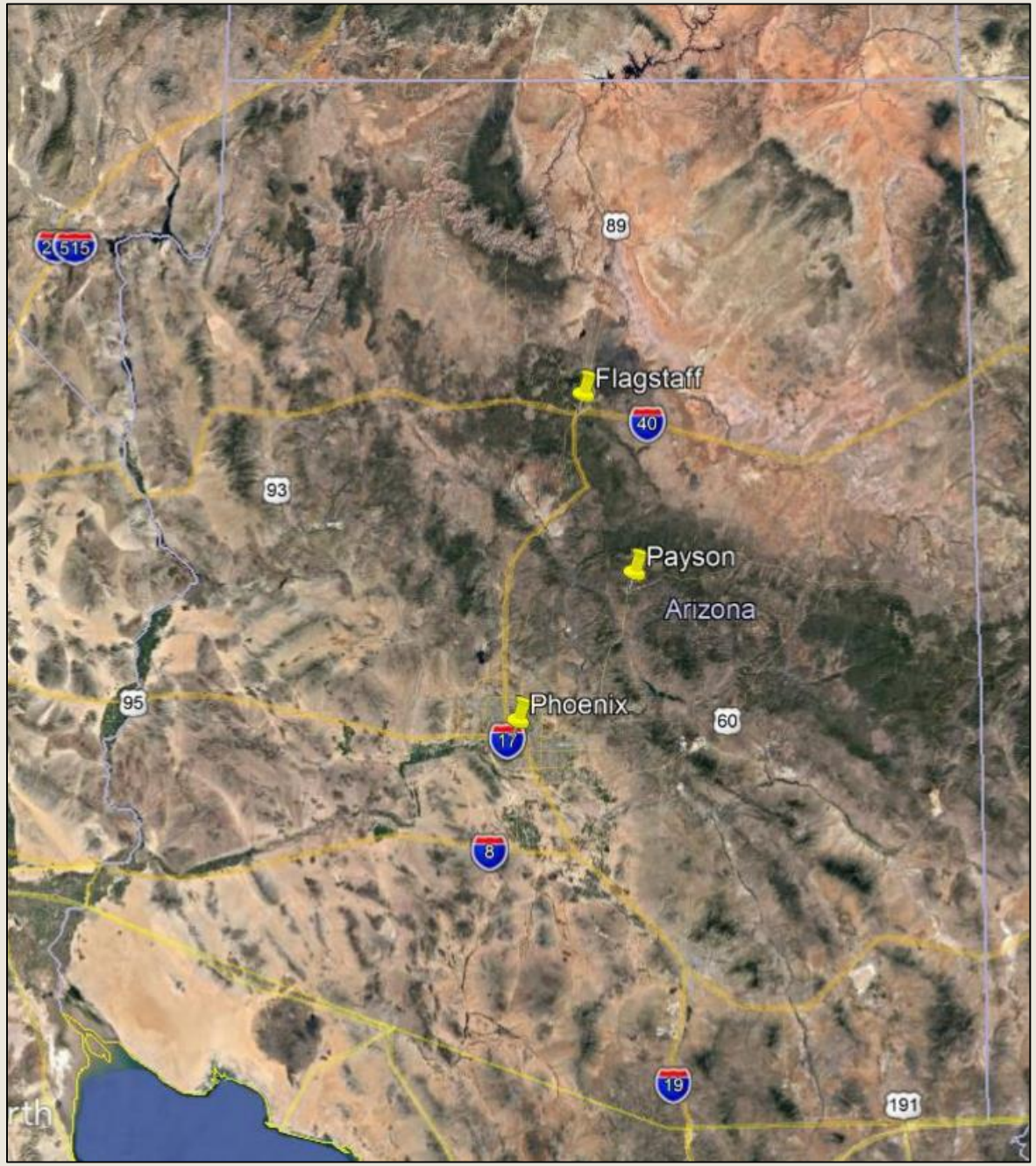
The Arizona Water Protection Fund Commission has funded all, or a portion of this report or project. The views or findings represented in this deliverable are the Grantees and do not necessarily represent those of the Commission or the Arizona Department of Water Resources.

We would like to acknowledge the enthusiastic support of the project by everyone involved. Town of Payson staff, council members and mayor were all instrumental in pulling together the resources and expertise to make this project a success.

Special thanks to Natural Channel Design, Inc. for their expertise, guidance, and support throughout this project.

Contractor: D.D. Haught, Inc.

Plant Fair Nursery


Flagstaff
Payson
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Phoenix
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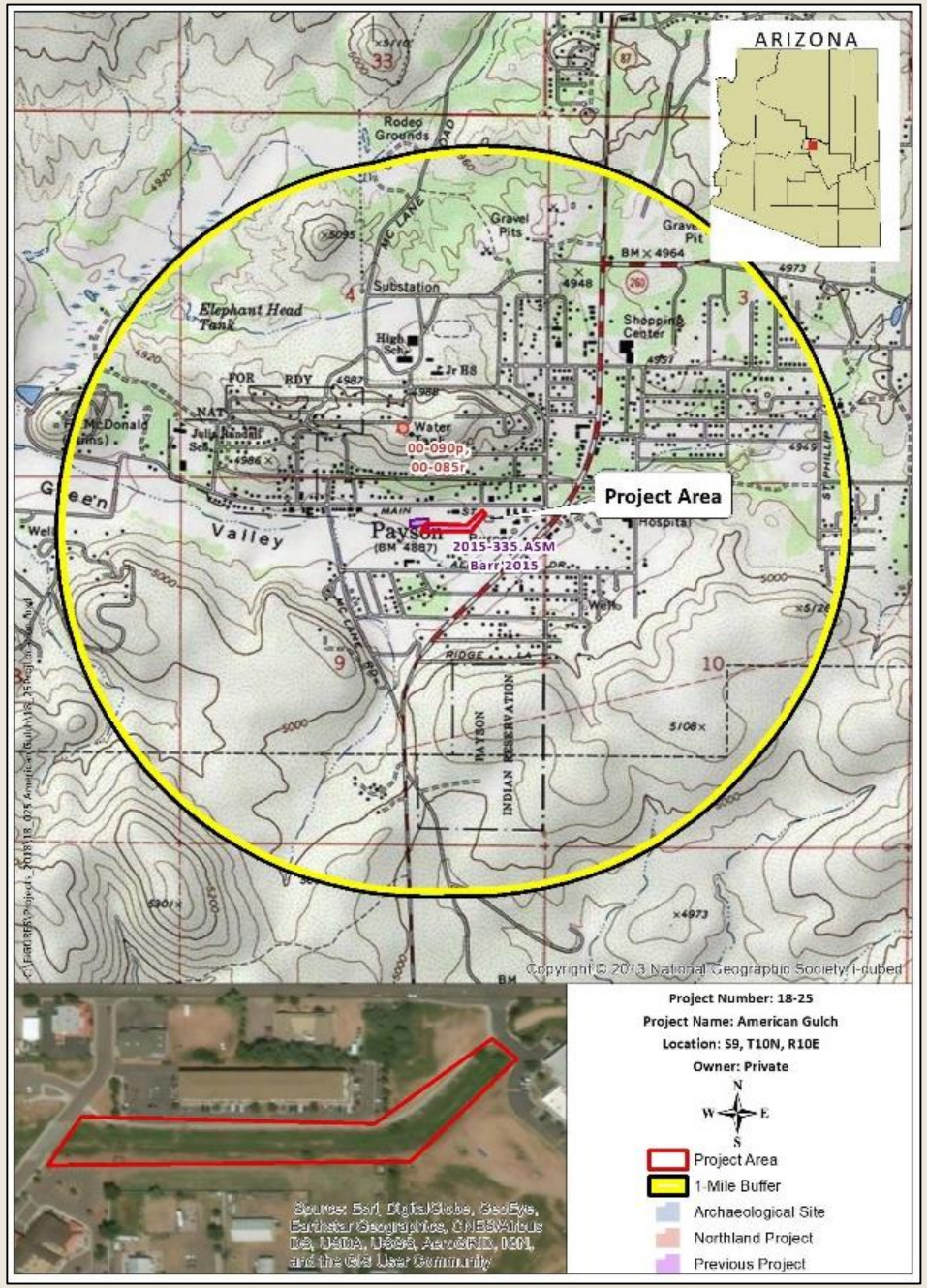
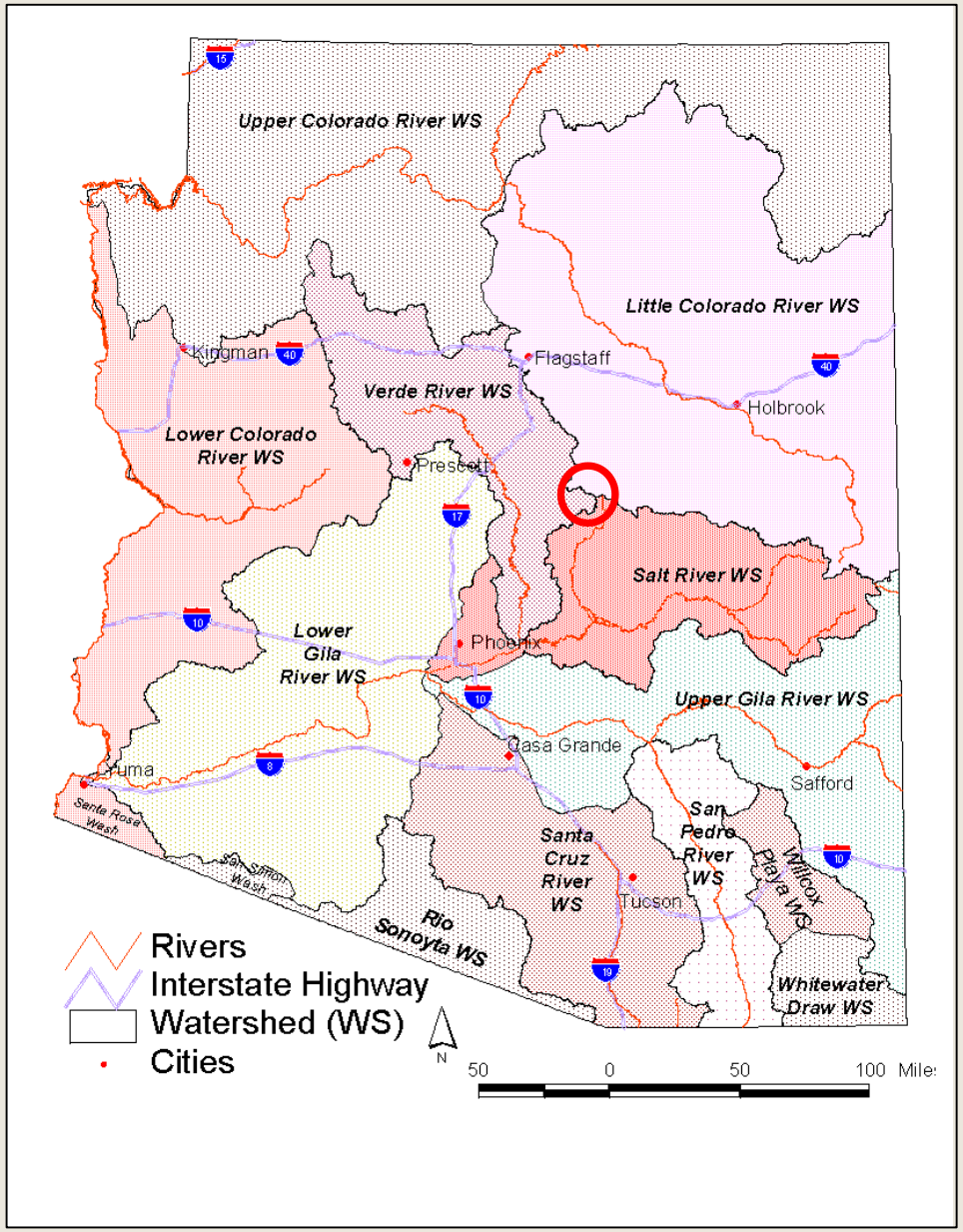

ARIZONA
Project Area
Payson
Valley
Elephant Head Tank
Substation
Rodeo Grounds
Gravel Pits
Shopping Center
Water
00-090p
00-085r
2015-335.ASM
Barr 2015
Copyright © 2013 National Geographic Society, i-cubed
Project Number: 18-25
Project Name: American Gulch
Location: S9, T10N, R10E
Owner: Private
Project Area
1-Mile Buffer
Archaeological Site
Northland Project
Previous Project


Upper Colorado River WS
Little Colorado River WS
Kingman
Flagstaff
Verde River WS
Holbrook
Lower Colorado River WS
Prescott
Salt River WS
Lower Gila River WS
Phoenix
Upper Gila River WS
Casa Grande
Yuma
Safford
Santa Rosa Wash
San Simon Wash
Santa Cruz River WS
San Pedro River WS
Tucson
Rio Sonoyta WS
Playa WS
Willcox
Whitewater Draw WS
Rivers
Interstate Highway
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Cities
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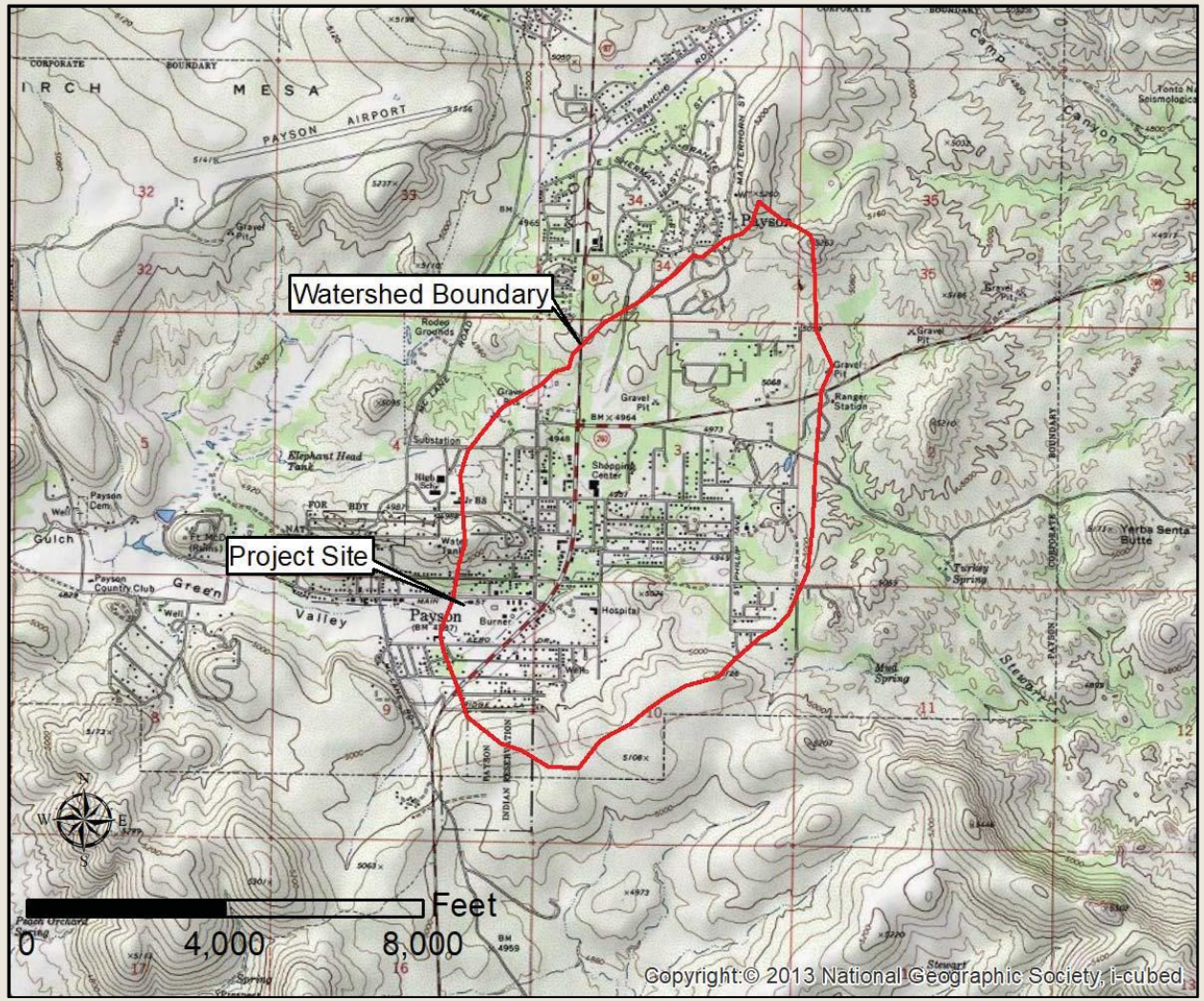
Watershed Boundary
Project Site
Payson
Feet
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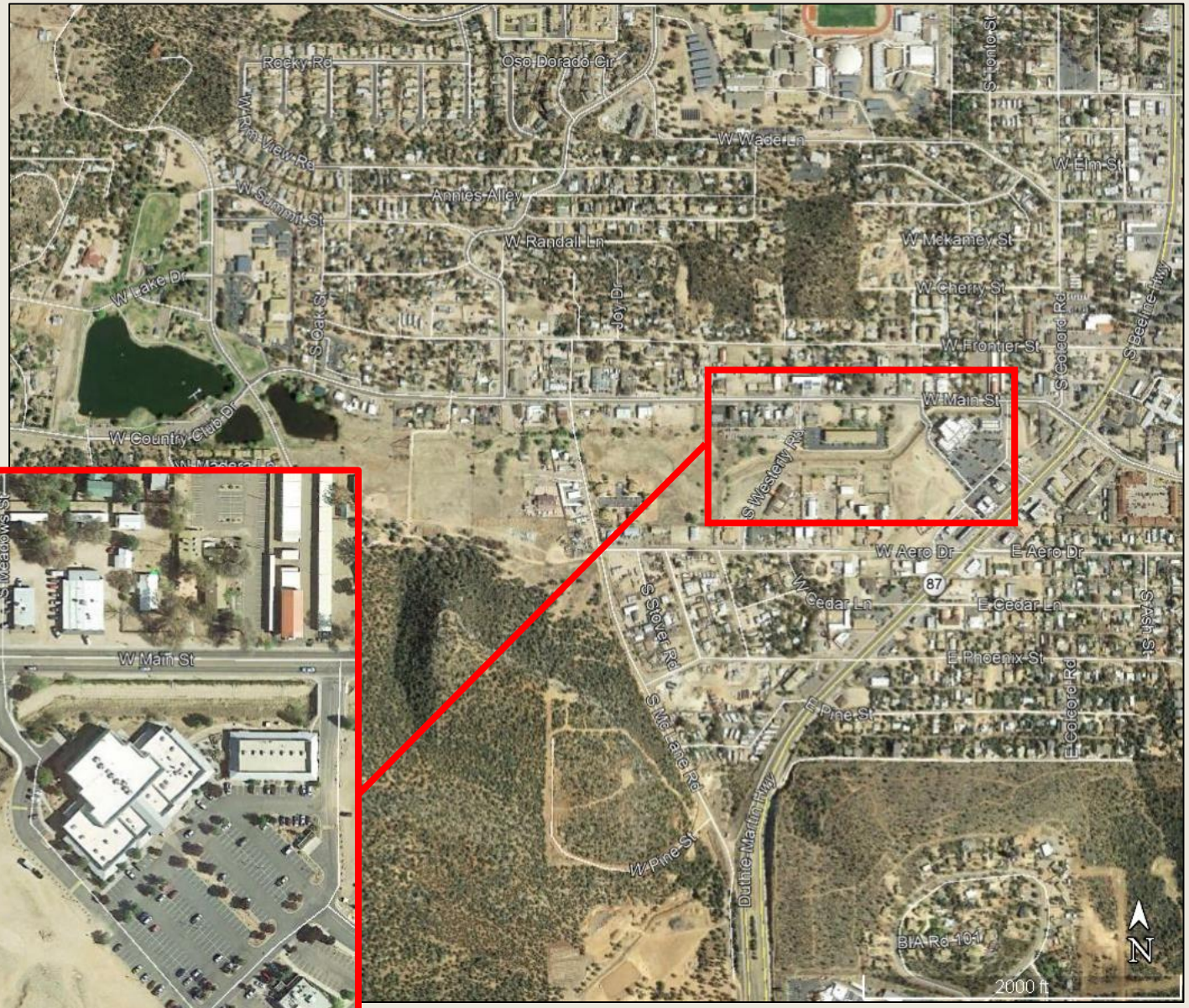
Copyright:© 2013 National Geographic Society, i-cubed

Project Location



Preliminary
Pre-Final Submittal

Design Report

American Gulch
Channel and Riparian Enhancement
City of Payson, Arizona

Natural Channel Design, Inc.

Natural Channel Design, Inc.
2900 N. West St., Suite 5
Flagstaff, AZ 86004

December 2017

AMERICAN GULCH
CHANNEL AND RIPARIAN ENHANCEMENT

BIOLOGICAL ASSESSMENT

Natural Channel Design, Inc.

February 2018

CAT

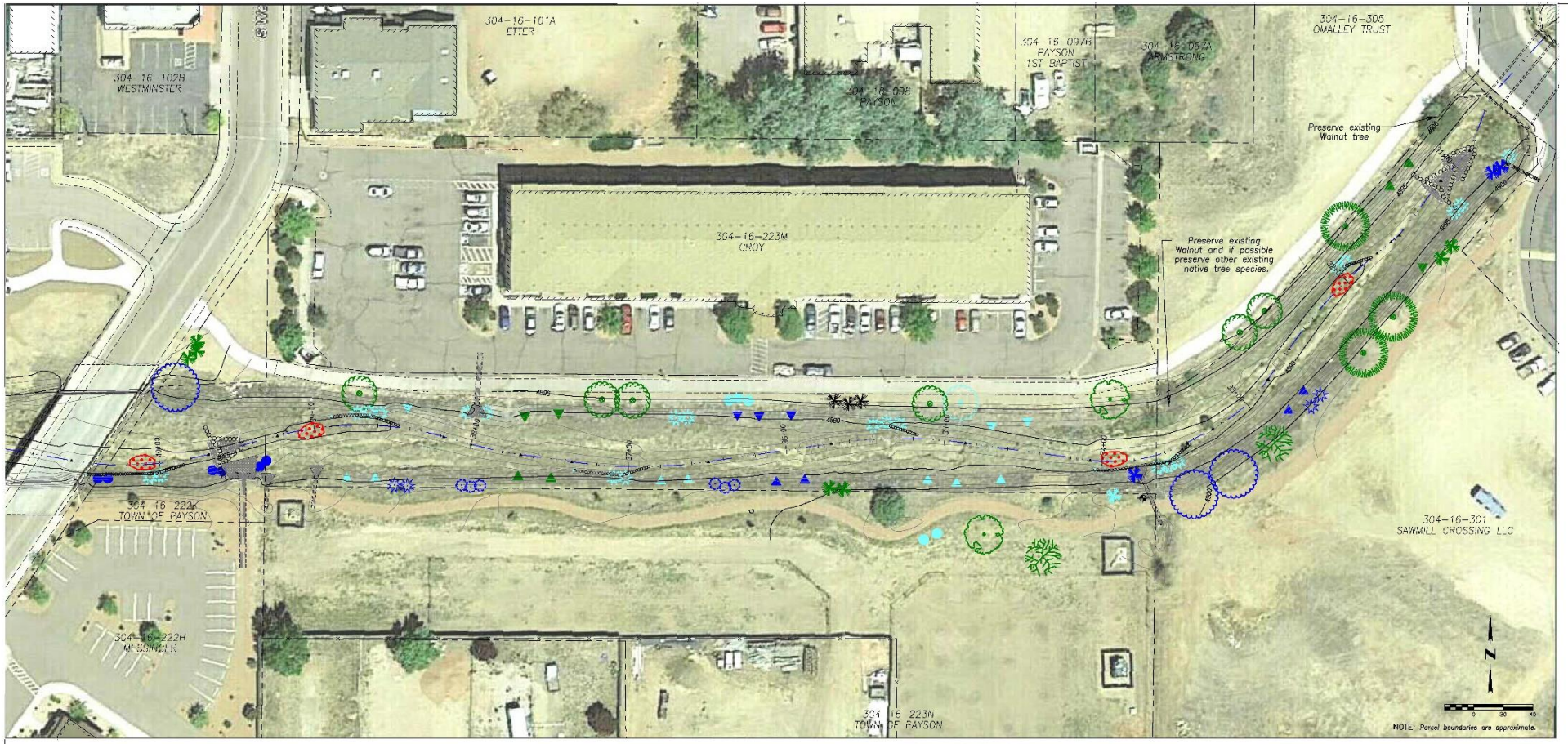
DEERE
35G

Before

After

Before

After



TREES

MINIMUM SIZE: ~~15 GAL. CONTAINER~~

- Western Cottonwood (15 gal.)
- Arizona Cypress (15 gal.)
- Velvet Ash (25 gal.)
- Escarpment Oak (15 gal.)
- Alligator Juniper (15 gal.)

LARGE SHRUBS

MINIMUM SIZE: ~~3 GAL. CONTAINER~~

- Fremont Barberry (1 gal.)
- Coyote Willow (5 gal.)
- Manzanita (5 gal.)
- Wright's Silktassel (5 gal.)
- Apache Plume (5 gal.)
- Alder-leaf Mountain Mahogany ((5 gal.)
- Redosier Dogwood (5 gal.)
- Rubber Rabbitbrush ((1 gal.)

SMALL SHRUBS AND FORBS

MINIMUM SIZE: 1 GAL. CONTAINER

- Banana Yucca (group of 3)
- Colorado Four O'Clock (group fo 3)
- Beargrass (group of 3)

SEDGE/RUSH PLUGS

- Grass Plugs (group of ~25)

VEGETATION REMOVAL NOTE:

Native and non-native trees to be removed from existing channel bottom except as noted.
Non-native trees and shrubs to be removed from existing channel sides and top terrace except as noted.

LOCATION NOTE:

Locations shown are approximate. Exact locations for planting shall be determined in the field with approval of NCD.

Exact planting locations were not surveyed in the field, but are located approximately as shown on this sheet.

RIPARIAN AREA PLANTING LIST*

	TREES	
3	Western Cottonwood (Populus spp)	
7	Velvet Ash (Fraxinus velutina)	
1	Escarpment Oak (Quercus spp)	
2	Alligator Juniper (Juniperus deppeana)	
3	Arizona Cypress (Cupressus arizonica)	
		16 Total
	LARGE SHRUBS	
7	Apache Plume (Fallugia paradoxia)	
6	Redosier Dogwood (Cornus sericea)	
3	Panchita manzanita (Arctostaphylos spp.)	
1	Mountain Mahogany (Cercocarpus spp.)	
6	Silktassel (Garrya wrightii)	
		23 Total
	SMALL SHRUBS & FORBS	
21	Soil Broadleaf Yucca (Yucca baccata)	
30	Colorado Four O'Clock (Mirabilis multiflora)	
21	Beargrass (Nolina microcarpa)	
7	Desert barberry (Berberis fremontii)	
6	Rubber rabbitbrush (Ericamerica nauseosa)	
		85 Total
	SHRUB WILLOWS	
22	Coyote Willow (Salix exigua)	
		22 Total
	Deergrass PLUGS	
100	Deergrass (Muhlenbergia rigens)	
		100 Total

* SPECIES NOTE:

If any plant species are unavailable, consult NCD for acceptable replacement prior to substitution.

PURPOSE OF REVEGETATION PLAN

Riparian plantings in the channel bottom and the banks are intended to aid in stabilization of the banks, rock structures and pool bottoms. Trees along the top of the bank will serve a dual purpose of aesthetics as well as development of a deeper root network below the shallower grass and root bed. Trees called for along the trail and at the top of the bank are suggested species and locations are subject to change per the Town of Payson and availability at the time of planting. Prior to purchasing plants, the contractor shall verify the list of intended plantings with the Town. Shrubs, riparian trees and sedges locations should adhere to the types and locations depicted herein to serve the intended purpose.

GRASS AND FORB SEED

The entire site (including undisturbed channel slopes) is approximately 3 acres, inclusive of that expected to be included in the channel buffer zone and for a construction yard adjacent to the channel. The disturbed area along the channel bottom is approximately 0.75 acres. All disturbed areas shall be seeded with the specified native grasses and forbs (see below for details). Seed must be spread evenly. If broadcast, generally the seed should be incorporated into the soil but not more than 0.5 inches.

There are four phases of seeding:

Phase 1: Following finish subgrade, but prior to placement of Pyramat, the disturbed area shall be seeded with Grass Mix 1 and Grass Mix 2 (0.75 acres each mix). We recommend broadcast seeding by hand and seed does not need to be incorporated into the soil.

Phase 2: Following finish grade, after placement of Pyramat and layer of topsoil, the disturbed area shall be shall be seeded with Grass Mix 1, Grass Mix 2, and the Forb Mix (0.75 acres for each mix). Seed may be broadcast or hydroseeded. If broadcast, seed must be incorporated into the soil without disturbing the Pyramat or the overall depth of the added topsoil layer.

Phase 3: At the same time as Phase 2 or following completion of construction, the undisturbed channel slope areas shall be seeded with Grass Mix 1 and the Forb Mix (2.0 acres each mix). Seed should be broadcast by hand; do not incorporate seed into soil where it will damage the existing reinforcement mat. In areas with little to no existing vegetation or with mostly annual species, seed should be incorporated into the soil. Seed does not need to be incorporated where there are dense native grasses.

Phase 4: Following construction all heavily used areas not already seeded, including the contruction yard, shall be seeded with Grass Mix 1 and the Forb Mix (estimated at 0.5 acres each mix). Prior to seeding, heavily compacted soils should be prepared by scarifying the upper two inches to ensure the soil is in roughened condition favorable for seed germination and growth. Seed must be incorporated into soil.

Seed should be purchased from a reliable supplier to ensure that it is weed-free. Native grass and forb seed is sold as Pure Live Seed (PLS). If any of the grass or forb species are unavailable, consult NCD for suitable replacements. The recommended grass seed and forb mixes consists of the following species and rates.

Grass Mix 1

Native Grass Species (4.0 acres total required):		Seed Mix (lbs PLS/ac)
Blue Grama	(Bouteloua gracilis)	1.0
Sideoats Grama	(Bouteloua curtipendula)	2.0
Purple Three-Awn	(Aristida purpurea)	2.0
Muttongrass	(Poa fendleriana)	1.0
Western Wheatgrass	(Pascopyrum smithii)	1.0
Prairie Junegrass	(Koeleria macrantha)	0.5
Squirreltail	(Elymus elymoides)	1.5
		11 lbs/ac

Grass Mix 2

Native Grass Species (1.5 acres total required):		Seed Mix (lbs PLS/ac)
Deergrass	(Muhlenbergia rigens)	2.0
Vine Mesquite **	(Panicum obtusum)	1.5
		3.5 lbs/ac

Forb Mix

Native Forb Species (3.25 acres total required):		Seed Mix (lbs PLS/ac)
Rocky Mountain Penstemon	(Penstemon strictus)	0.25
Blanketflower	(Gaillardia sp.)	0.25
Horsetail Milkweed	(Asclepias subverticillata)	0.25
Tufted Evening Primrose	(Oenothera caespitosa)	0.25
Globemallow	(Sphaeralcea sp.)	0.25
California Poppy	(Eschscholzia californica ssp. mexicana)	0.25
		1.5 lbs/ac

** Vine Mesquite may be difficult to find. A possible source is Curtis & Curtis Seed out of Clovis, NM.

Record Drawing

REVEGETATION PLAN VIEW

AMERICAN GULCH
CHANNEL RESTORATION AND RIPARIAN ENHANCEMENT
TOWN OF PAYSON

DRAWN BY: CS
DESIGNED BY: CS AU
CHECKED BY:

NO.	DATE	BY	REVISION
1	09/13/2021	CS	AS BUILT

DATE: **DAD DEC**|01
SHEET NAME: VEG01
NCD PROJECT NUMBER: 17-2803A2
SHEET NUMBER: 9 OF 10

Natural Channel Design, Inc.
2900 N. West St. #5
Flagstaff, AZ 86004
(928) 774-2336

Successes

- Completed project within budget with minimal issues
- Increased attention and support from Town Council
- Community involvement
- Downstream work & overall project

September 4, 2018

Town of Payson
303 N Beeline Hwy
Payson, AZ 85541

RE: American Gulch

To whom it may concern:

My name is Maia Crespin, Executive Director for the Rim Country Regional Chamber of Commerce. We are located on the corner of Main Street and the Beeline Highway (Highway 87). The Chamber and Visitors Center are housed in the same building, so we service both the business community as well as our visitors.

I was advised there is a grant that could assist in beautifying our Payson community via the American Gulch trail between the Sawmill Theater to Westerly Road. The area could really use a facelift especially from a tourism aspect. We had over 1,200 visitors come through the Visitors Center last month (August). The number one recreational activity people are flocking to Payson for is hiking. We have a variety of trails for all experience levels. However, we do not frequently recommend the American Gulch Trail since it is not visually appealing nor a good representation of how we want our visitors to remember Payson, Arizona. The trail is right around the corner from the Chamber/Visitors Center and is great for all skill levels since it is flat. We are primarily a retirement community and the trail would also be a great place for moms to walk with their strollers. Green Valley Park is the primary source for most of the locals but the American Gulch Trail would be a perfect alternative.

We have quite a few businesses on Main Street who service our visitors and locals. Beautifying the American Gulch would be another great way to boost their revenue and overall tourism for Rim Country. We currently have a Main Street Guild Committee who meet once a month with the Town of Payson's Economic Development Department to discuss ways we can revitalize Main Street and this would be perfect. People would be able to see the American Gulch as they drive down Main Street or sip a cup of tea outside the Mogollon Moose Bakery.

We would greatly appreciate your consideration in granting our community the funds to help boost tourism and bringing a smile to the faces of our visitors and locals.

Sincerely,

Maia Crespin, Executive Director
Rim Country Regional Chamber of Commerce
maia@rimcountrychamber.com
928-474-4515

August 29, 2018

Arizona Water Protection Fund Commission
1110 West Washington Street, Suite 310
Phoenix, AZ 85007

To Whom It May Concern:

I am writing to express my support of the American Gulch Channel and Riparian Enhancement Project. As a member of the Tonto Apache Tribal Council, and a member of the greater Payson area community, I am eager to see improvements made in and around the American Gulch. The community's efforts to transform this long-neglected floodway into a widely beneficial asset are much needed, and have gained tremendous enthusiasm over recent years.

I strongly encourage the Arizona Water Protection Fund Commission to award the American Gulch Channel and Riparian Enhancement Project the necessary funds to complete the construction of this much needed and beneficial effort.

Best Regards,

Farrell Hoosava

Tribal Council Member
Tonto Apache Tribe
Payson, AZ
(928)474-5000 Ext. 8133
fhoosava@tontoapache.org

April 16, 2018

Town of Payson
LaRon Garrett Town Manager
303 N. Beeline Highway
Payson, AZ 85541

LaRon, we the undersigned merchants, and interested community members, are writing to you and the council to request inclusion in the FY 2019 budget, money to finish landscaping phase 1 of the American Gulch Project.

We understand that there is a quote of approximately $275,000 to complete earthwork and landscaping consistent with the Master Plan for the American Gulch project passed by the council, running from Sawmill Crossing shopping center to Westerly street.

While it does not complete the American Gulch project by any stretch of the imagination, it is a step forward in the long range plan of having a American Gulch walkway from Sawmill Crossing to Green valley Park. Completing that section of the "American Gulch "riparian area" "phase one" "Green Valley Riverwalk" (whatever name is attached), would give the town a handle on what future costs and construction might be, as well as giving the community some sense of what it might look like.

We see this as a step forward in the long-term redevelopment of the Main Street area

Sincerely yours,

Payson Main Street Guild
Property and Business Owners

Tommie C. Martin, District I
610 E. Hwy 260, Payson, 85547
(928) 402-8753
(800) 304-4452, ext.7100
tmartin@gilacountyaz.gov

Tim R. Humphrey, District II
(928) 425-3231
thumphrey@gilacountyaz.gov

Woody Cline, District III
(928) 402-4401
wcline@gilacountyaz.gov

W. James Menlove,
County Manager
(928) 402-4257
jmenlove@gilacountyaz.gov

Marian Sheppard,
Clerk of the Board of Supervisors
(928) 402-8757
msheppard@gilacountyaz.gov

GILA COUNTY

From the Office of:

Tim R. Humphrey, Chairman

Supervisor, District 2

August 30, 2018

Arizona Water Protection Fund Commission
1110 West Washington Street, Suite 310
Phoenix, AZ 85007

To Whom It May Concern:

I am writing to express my support of the American Gulch Channel and Riparian Enhancement Project. As a member of the Gila County Board of Supervisors, I am eager to see improvements made in within and around the American Gulch to help make Payson and Gila County better for all. The community's efforts to transform this long-neglected floodway into a widely beneficial asset are much needed, and have gained tremendous enthusiasm over recent years.

I strongly encourage the Arizona Water Protection Fund Commission to award the American Gulch Channel and Riparian Enhancement Project the necessary funds to complete the construction of this much needed and beneficial effort.

Best Regards,

Tim Humphrey
Chairman – District 2
Gila County Board of Supervisors
1400 E. Ash St. Globe, AZ 85501
(928) 425-3231
thumphrey@gilacountyaz.gov

Payson dusts off American Gulch plan

BY ALEXIS BECHMAN
ROUNDUP STAFF REPORTER

Thanks to a grant from the Arizona Game and Fish Department, the long-awaited American Gulch project is finally moving forward with a loop trail connecting the Sawmill Crossing to Westerly Road.

The Payson Town Council recently received an update on Phase I and II of the project, which will start in two weeks and should be complete by August of 2017, said Sheila DeSchaaf, community development director.

Crews will add benches, interpretive signs and wildlife viewing areas along a walking path that follows a short section of the gulch.

The gulch has been a planned open space park since 2002. In hearings in updating the 2014-2024 General Plan, residents expressed a strong desire to see the area turned into a recreation destination to draw commercial activity back to Main Street.

At Thursday's council meeting, one investor said his group wants to buy the Oxbow Saloon and turn it into a restaurant or microbrewery, but won't touch the property unless the town does something about the weedy, overgrown, trash-strewn gulch area.

Payne Palmer said an article in the *Roundup* that proposed making the Oxbow a focal point on Main Street got his attention and he had a Realtor give him a tour of the property. His group imagines leaving the front façade of the Oxbow, but tearing down the rest and building a microbrewery.

However, when Palmer went out back of the property, the condition of the surrounding area gave him pause.

"That is a critical part of town that needs to be enhanced," he said.

Palmer learned there is a plan to upgrade the area, but it has never been implemented.

He suggested the town look into forming a special improvement district to clean up the area from Green Valley Park to Westerly

See **American Gulch,** page 2A

American Gulch trail loop planned

From page 1A

Road.

"It would make the backyard of Main Street come to life," he said.

The council asked town staff look into it.

DeSchaaf said while the ultimate goal is to clean up the entire length of the gulch, a tributary to the East Verde River, Phase I and II are paving a smaller section behind the Sawmill Crossing.

Crews will build a pathway that loops the shopping center to just west of Westerly Road and back. The path will connect with existing pathways on the north and south of the gulch already installed by private businesses, such as Messinger Payson Funeral Home along the north. The project will include handicap accessible wildlife viewing areas with benches and interpretive signage explaining ecology and history of the gulch.

Interpretive signs will promote the preservation of the gulch as a recreational amenity and illustrate wildlife commonly seen from the viewing area plus birding and fishing opportunities farther downstream at Green Valley Park, DeSchaaf said.

Staff hopes the interpretive signs will help promote preservation of the gulch as a wildlife viewing/tourism amenity rather than a barrier to development.

Project Area of American Gulch Loop Trail & Viewing Area

Education about t
significance of the
of designated trails
human caused dama

The project has sa
but the town can du
forward thanks to H
Game and Fish.

DeSchaaf said be
delivered and are aw

Payson hopes to awaken Main Street dreams

Will voters support tax for council's new master plan?

BY ALEXIS BECHMAN
ROUNDUP STAFF REPORTER

Despite the failure of past efforts to improve Main Street, the reconstituted Payson Town Council says it's not giving up.

At a recent five-hour retreat, the council and its three new members including Mayor Craig Swartwood, went over various ways to revitalize the street, where development has languished for years.

"Just because something has failed for 30-40 years, that is not a reason to let it continue to fail," Swartwood said.

Main Street remains the best-known, most-disappointing, most-hoped-for street in town.

Although it has a deep history and leads to the iconic Green Valley Park, Main Street has failed to become the economic center or gathering place for the community. Past officials have blamed the street's mile-plus length, saying the

See **Payson Main Street,** page 2

Michele Nelson/Roundup

Dave Owens, the Garden Guy, looks at plans for Phase I of the American Gulch project as Mayor Craig Swartwood, Doni Wilbanks, Bobby Davis and Cameron Davis look on.

Apple trees first on the menu of improvements

BY MICHELE NELSON
ROUNDUP STAFF REPORTER

Imagine a garden filled with flowering apple trees each with deep roots in Rim Country history.

At the base of the majestic heritage apple trees, beds of lavender and hops flourish, bringing a pop of color.

Benches and a pergola perch amongst the plants.

Weddings happen.

Picnics.

Reading a book on a warm day.

Through the garden runs a pathway that hugs the banks of a flowing stream.

It's all just a little bit of paradise — right now a dream, but if Mayor Craig Swartwood and Dave Owens, the Garden Guy, have anything to do with it — a reality very soon.

The two want to turn a bare stretch of land

See **Apple orchard,** page 2

American Gulch

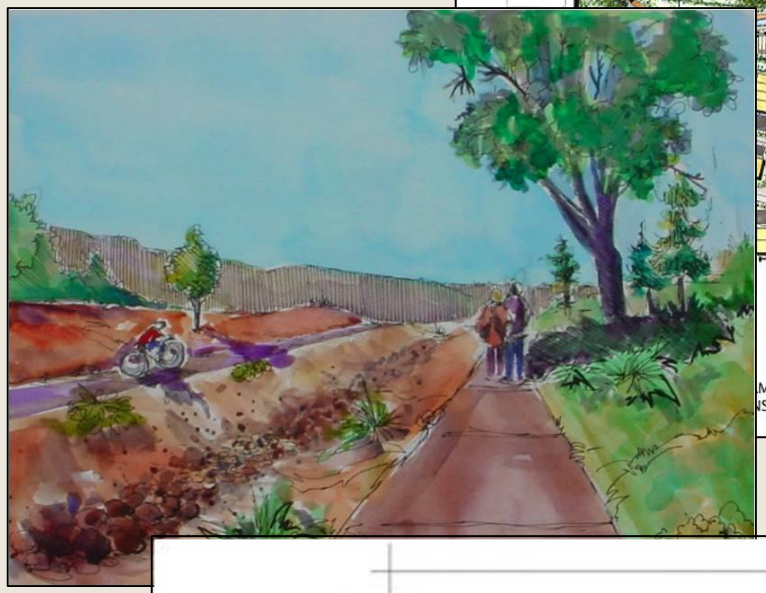
Watercourse/Drainage Concept

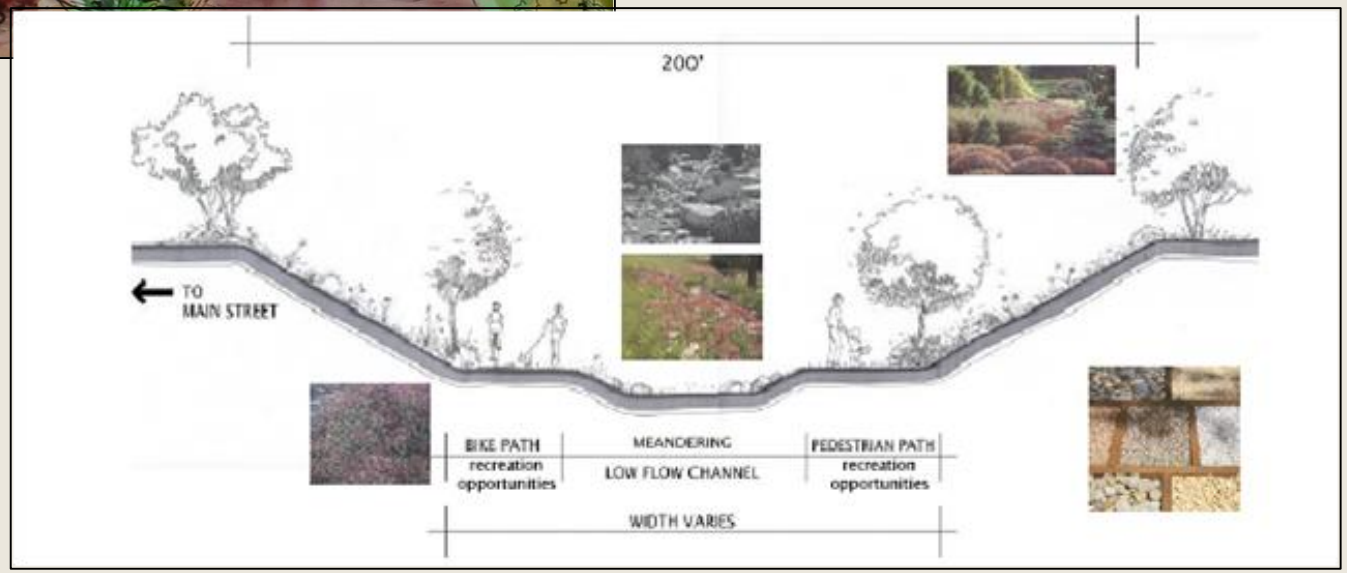
Town of Payson, Arizona

July 2005

Prepared by Tetra Tech, Inc.
Phoenix, Arizona

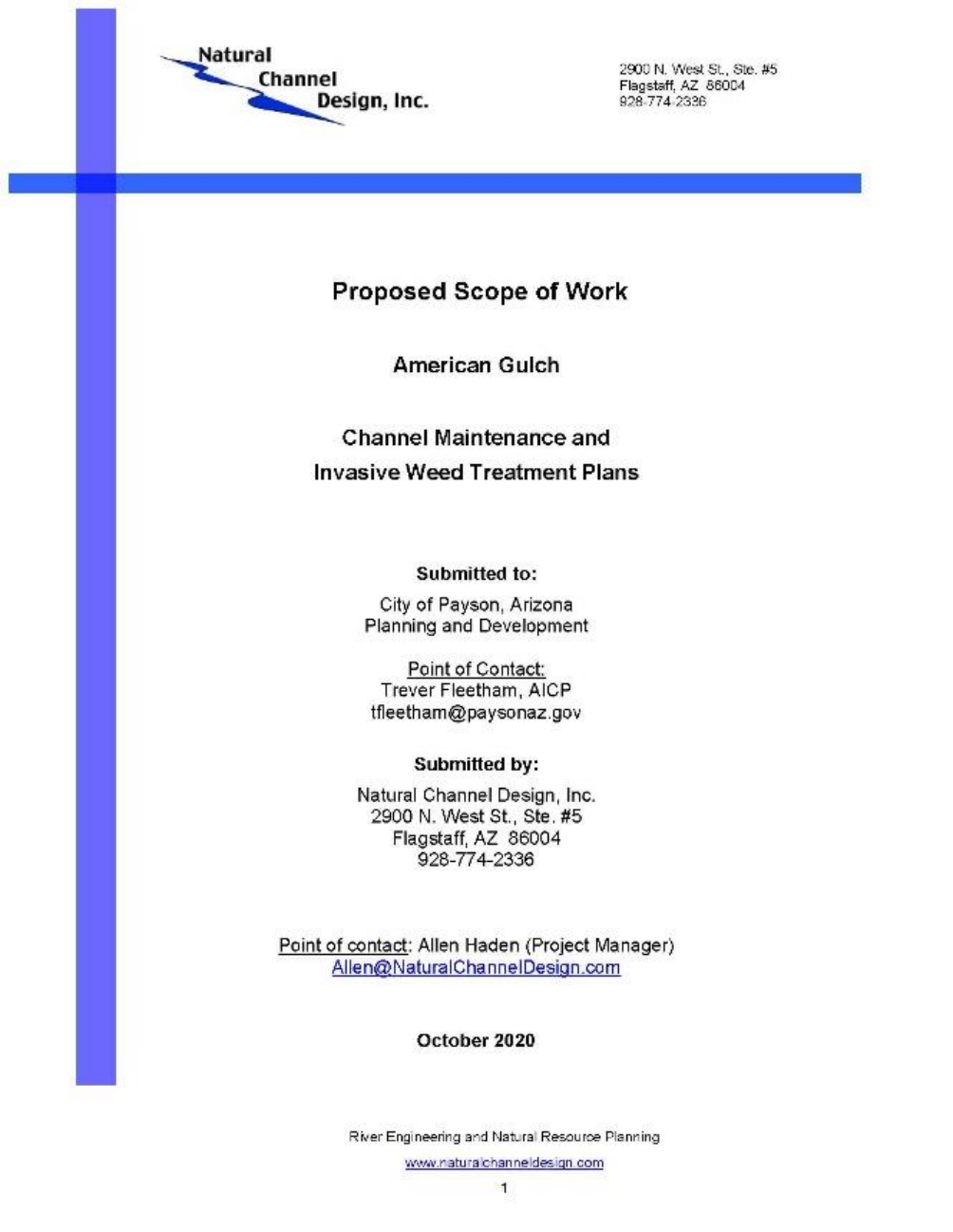
WETLANDS
BIKE PATH
PEDESTRIAN PATH
RECREATION
COMMERCIAL/RETAIL
LOW FLOW CHANNEL
BRIDGE
COMMERCIAL/
OPEN SPACE
PARKING/
OPEN SPACE/
COMMERCIAL
EMPLOYMENT:
RETAIL/OFFICE/
MEDICAL
PADS FOR
RETAIL
MULTI-FAMILY
MEDIUM DENSITY
MULTI-FAMILY
HIGH DENSITY
NORTH




200'
TO
MAIN STREET
BIKE PATH
recreation
opportunities
MEANDERING
LOW FLOW CHANNEL
PEDESTRIAN PATH
recreation
opportunities
WIDTH VARIES

Downstream

Maintenance



Natural Channel Design, Inc.

2900 N. West St., Ste. #5
Flagstaff, AZ 86004
928-774-2336

Proposed Scope of Work

American Gulch

Channel Maintenance and
Invasive Weed Treatment Plans

Submitted to:

City of Payson, Arizona
Planning and Development

Point of Contact:
Trever Fleetham, AICP
tfleetham@paysonaz.gov

Submitted by:

Natural Channel Design, Inc.
2900 N. West St., Ste. #5
Flagstaff, AZ 86004
928-774-2336

Point of contact: Allen Haden (Project Manager)
Allen@NaturalChannelDesign.com

October 2020

River Engineering and Natural Resource Planning
www.naturalchanneldesign.com
1

THANK YOU

Trever Fleetham, AICP
Town of Payson
(928) 472-5029
tfleetham@paysonaz.gov

Arizona Water Protection Fund Commission Meeting November 10, 2020

Grant 17-189WPF – Erosion Control to Stabilize Soils and restore historic grasslands in the upper Verde River watershed – “Juniper Silt Dams”

Pilot Project to develop uses of cut Juniper from thinning operations

Spring 2016: experimenting with Juniper silt dams during harvesting demonstration (ASLD and ADFFM)

Field trip to Perrin Ranch – June 2017

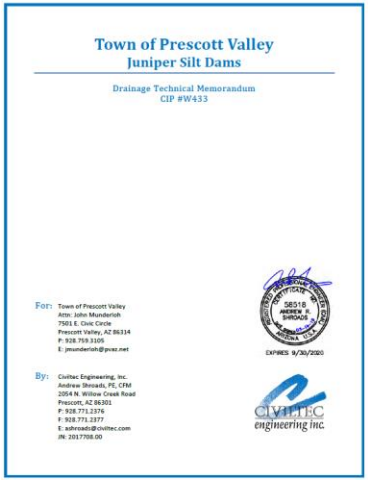
Project location: 13 Miles W. of Paulden

NRCS funded tree thinning in 2017

Funding Partners

- NRCS (Natural Resources Conservation Service)
  - Tree Thinning
- AWPF (Arizona Water Protection Fund)
  - Juniper Silt Dams
- ADFFM (Arizona Dept. Forestry and Fire Mgmt.)
  - Grant Match
- UVRWPC (Upper Verde River Watershed Protection Coalition)
  - Cost share and In-kind

Engineering design


Town of Prescott Valley
Juniper Silt Dams

Drainage Technical Memorandum
CIP #W433

For: Town of Prescott Valley
Attn: John Munderloh
7501 E. Civic Circle
Prescott Valley, AZ 86314
P: 928.759.3105
E: jmunderloh@pvaz.net

By: Civiltec Engineering, Inc.
Andrew Shroads, PE, CFM
2054 N. Willow Creek Road
Prescott, AZ 86301
P: 928.771.2376
F: 928.771.2377
E: ashroads@civiltec.com
JN: 2017708.00

EXPIRES 9/30/2020

CIVILTEC engineering inc.

- Aerial Photos and 2-foot contours
- Runoff analysis
- Silt dam design:
  - Flood runoff flow rates too high in main channel of unnamed wash
  - Focus on tributaries
  - Large rocks + Juniper in larger tributaries
  - T-posts and cable-ties in smaller tributaries
- ASLD required army corps of engineers 404 permit
  - Design and runoff analysis required for 404 permit

PERMIT PROCESS

- ASLD trust land – 17 months
- ASLD Rejected Land Treatment Permit Application, Required Right of Way (ROW) Permit
- Rejected AZ SHPO determination of no-significant finding, required separate archaeological survey
- ROW Permit based on project area – reducing project footprint to maintain budget
- ROW Permit required Track-in pad, pre-wash for construction equipment, Stormwater Pollution Prevention Plan for project site.

CIVILTEC
engineering inc.
Civil, Water, Wastewater, Drainage and Transportation Engineering
Construction Management • Surveying
California • Arizona

June 11, 2018

Therese Carpenter
Project Manager, Ariz
Regulatory Division,
3636 North Central A
Phoenix, AZ 85012-1

Subject: Nationwid
Juniper Sil
in the Upp
SPL-2018-

Dear Ms. Carpenter,

Located in the Upper
demonstrate how land
through a combinatio
with byproducts of th
trust lands.

DEPARTMENT OF THE ARMY
CORPS OF ENGINEERS, LOS ANGELES DISTRICT
3636 NORTH CENTRAL AVENUE, SUITE 900
PHOENIX, AZ 85012-1939

September 19, 2018

SUBJECT: Nationwide Permit (NWP) Verification

14

equest for the Town of Prescott Valley (SPL- 2018-00400) for a
it for the proposed Juniper Silt Dams project site (34.855152,
project is located on approximately 23 acres of State Trust Land
Section 16, Township 17N, Range 4W, Yavapai County Tax
N) 800-20-062C approximately 13 miles west of the city of

STATE LAND DEPARTMENT
STATE OF ARIZONA

Right of Way

R/W No. 18-120427

THIS RIGHT OF WAY ("Right of Way") is entered into by and between the State of Arizona (as "Grantor") by and through the Arizona State Land Department and

TOWN OF PRESCOTT VALLEY

("Grantee"). In consideration of payment and performance by the parties of each of the provisions set forth herein, the parties agree as follows:

EXTENT OF DOCUMENT

FOR SHPO USE ONLY

SHPO Finding:

- [x] Funding this project will not affect historic properties. NAE
- [ ] Survey necessary – further GRANTS/SHPO consultation required (*gra released until consultation has been completed*)
- [ ] Cultural resources present – further GRANTS/SHPO consultation requi *not be released until consultation has been completed*)

SHPO Comments

Two arch. sites are present on ridge tops in sec 1 be avoided by project activities. If work will be done a qualified archaeologist should flag them for avo

For State Historic Preservation Office: Mary-Ellen Walsh Date: 9/8

INVOICE

Number: 2019-2 **Date:** April 11, 2019

TO: John Munderloh
Town of Prescott Valley

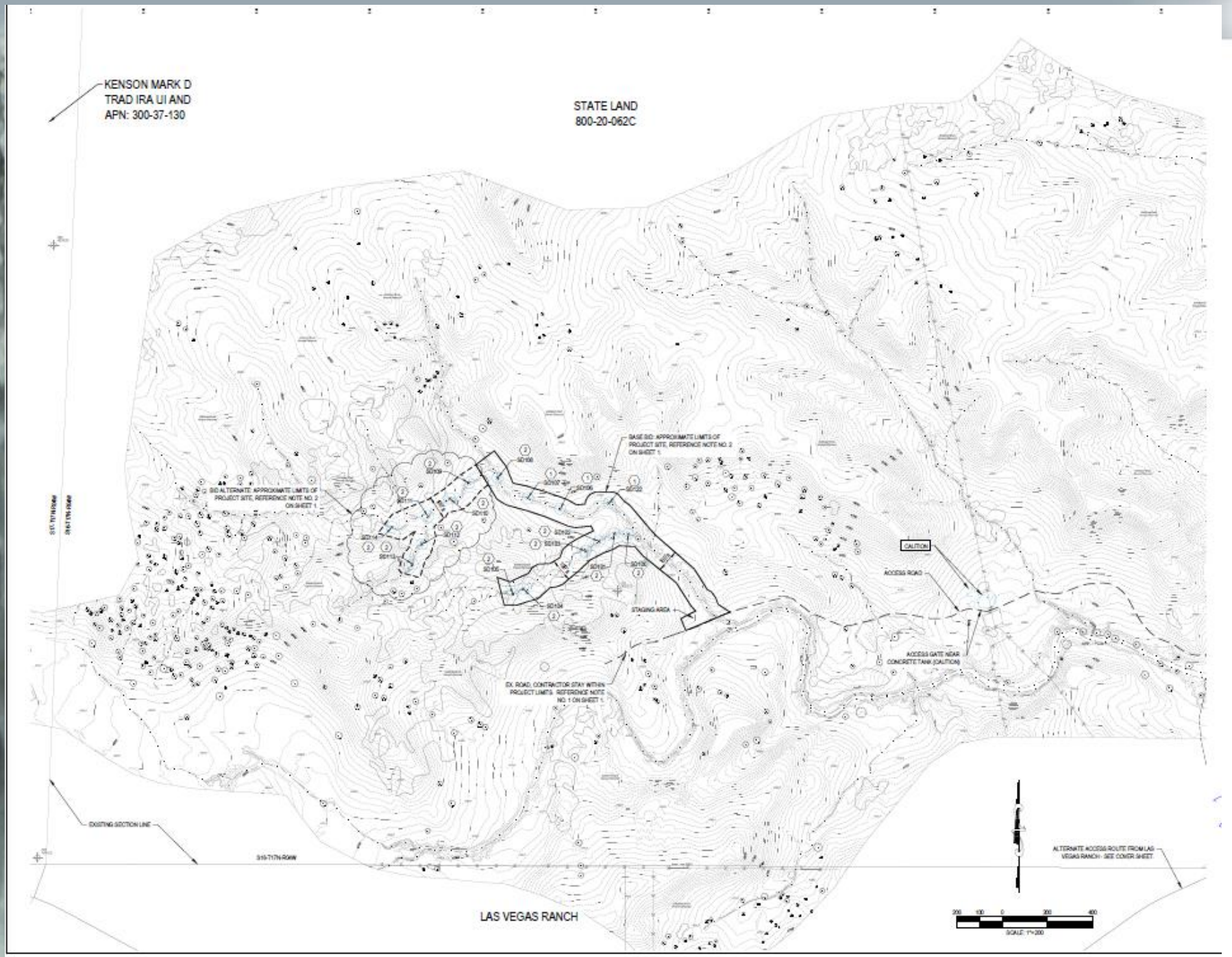
FROM: Archie M. Dickey
President, Biozone

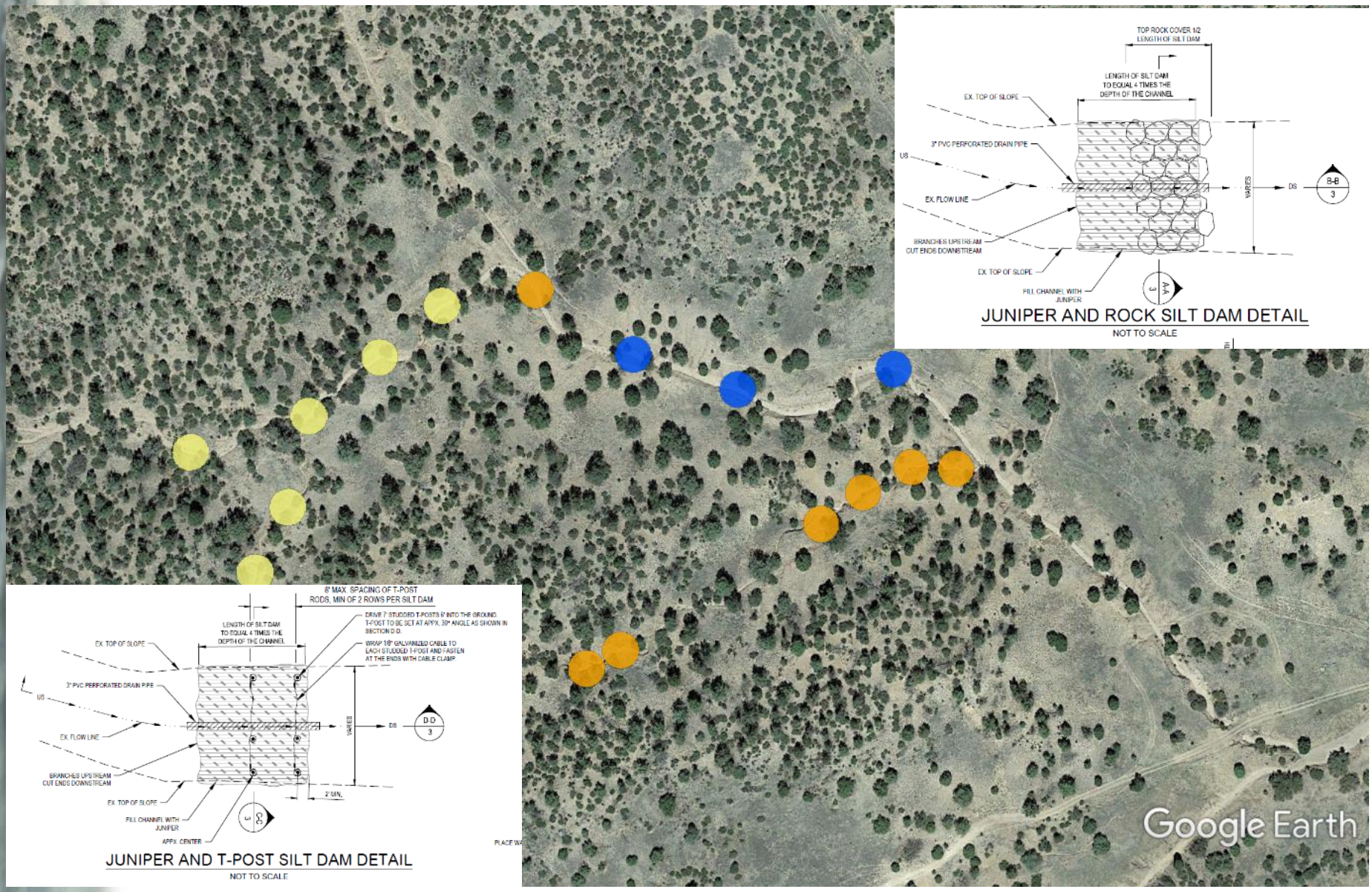
SUBJECT: Cultural Survey for Juniper Silt Dam Project

Biozone Inc. did a Cultural Survey and data analysis of past cultural surveys resulting in the preparation of Cultural Survey Report for the Juniper Sit Dam Project.

P.O. # 019411

Total Amount Due: $3500.00


KENSON MARK D
TRAD IRA UI AND
APN: 300-37-130
STATE LAND
800-20-062C
BASE SID: APPROXIMATE LIMITS OF PROJECT SITE, REFERENCE NOTE NO. 2 ON SHEET 1.
SID ALTERNATE: APPROXIMATE LIMITS OF PROJECT SITE, REFERENCE NOTE NO. 2 ON SHEET 1.
SD100
SD101
SD102
SD103
SD104
SD105
SD106
SD107
SD108
SD109
SD110
SD111
SD112
SD113
SD114
SD115
SD116
SD117
SD118
SD119
SD120
SD121
SD122
SD123
SD124
SD125
STAGING AREA
CAUTION
ACCESS ROAD
ACCESS GATE NEAR CONCRETE TANK (CAUTION)
EX. ROAD. CONTRACTOR STAY WITHIN PROJECT LIMITS. REFERENCE NOTE NO. 1 ON SHEET 1.
EXISTING SECTION LINE
S19-T17N-R64W
ALTERNATE ACCESS ROUTE FROM LAS VEGAS RANCH - SEE COVER SHEET
LAS VEGAS RANCH
200 100 0 200 400
SCALE: 1"=200'


TOP ROCK COVER 1/2 LENGTH OF SILT DAM
LENGTH OF SILT DAM TO EQUAL 4 TIMES THE DEPTH OF THE CHANNEL
EX. TOP OF SLOPE
3" PVC PERFORATED DRAIN PIPE
US
EX. FLOW LINE
BRANCHES UPSTREAM CUT ENDS DOWNSTREAM
EX. TOP OF SLOPE
FILL CHANNEL WITH JUNIPER
VARIES
DS
B-B
3
A-A
3
JUNIPER AND ROCK SILT DAM DETAIL
NOT TO SCALE
8' MAX. SPACING OF T-POST RODS, MIN OF 2 ROWS PER SILT DAM
LENGTH OF SILT DAM TO EQUAL 4 TIMES THE DEPTH OF THE CHANNEL
DRIVE 7' STUDDED T-POSTS 6' INTO THE GROUND. T-POST TO BE SET AT APPX. 30° ANGLE AS SHOWN IN SECTION D-D.
WRAP 18" GALVANIZED CABLE TO EACH STUDDED T-POST AND FASTEN AT THE ENDS WITH CABLE CLAMP.
EX. TOP OF SLOPE
3" PVC PERFORATED DRAIN PIPE
US
EX. FLOW LINE
BRANCHES UPSTREAM CUT ENDS DOWNSTREAM
EX. TOP OF SLOPE
FILL CHANNEL WITH JUNIPER
APPX. CENTER
VARIES
DS
D-D
3
2' MIN.
C-C
3
JUNIPER AND T-POST SILT DAM DETAIL
NOT TO SCALE
Google Earth

Public Bid Process

Town of Prescott Valley

Bid for: CIP W433.2 Juniper Silt Dams **Date: June 17, 2019**

Estimate: _____

Vendor/Contractor	Bid Bond	Addenda Ack	Total Base Bid Schedule A	Total Additive Alternate (A)	Total Base + Additive Alternate (A)
M Anderson Construction	✓	✓	93250.00	44945.00	138195.00
tz Western	✓	✓	99997.00	29990.00	129987.00
Kenson Construction	surety ck	✓	83563.00	28733.00	112296.00

Construction
November 2019

Pre-construction 10/2019

Post construction 10/2020

Infiltration

Silt Capture

Silt Capture

Juniper Silt Dam	Total Accumulated Silt 4/17/20 (inches)	Total Accumulated Silt 10/22/20 (inches)
SD122	0.75	2
SD106	1	0
SD107	NA	NA
SD108	2	6
SD100	4	9
SD101	2	3.5
SD102	NA	NA
SD103	3	6
SD104	NA	NA
SD105	19	30

Project Success:

- Juniper Silt Dams do work!
  - Practical use for Juniper and brush from thinning
  - Capture soil, Slow runoff & Improve infiltration,
- **Adopted as an NRCS Approved Practice**
  Rare and Declining Habitats (grasslands)
  EQIP-Eligible funding
- Policy paper introduced to Legislators
- Received notice of award for $2.7 million grant from NRCS to implement this practice (and other measures)

LESSONS LEARNED

- State permitting was more onerous than federal processes – subject to staff preferences and interpretations
  - More costs for engineering design (primarily required for permitting processes), and permitting increased costs by twice the cost of construction
  - Compressed the project footprint, reduced $ available for construction
- Focus should be on smaller erosional channels (less than 4’ deep, 4’ bottom width)
- Easier to build silt dams with T-posts and cable ties especially when large (12”+) rocks are not readily available on-site
- Spread them out based on channel slope, locate below side-channel confluence

October 9th 2020

Office of Sponsored Projects
PO Box 4130
Flagstaff, AZ 86011

RE: NAU Office of Sponsored Projects
(928) 523-4880
NAU-OSP@nau.edu

Dear Mr. Teran,

Northern Arizona University agrees to relinquish the application entitled “Do Native Fish Facilitate the Persistence of Endangered Spikedace by Resuspending Food Particles” (Grant No 19-196WPF), submitted by Dr. Ben Koch. Circumstances arose and unfortunately, we were unable to implement the proposed work and complete the grant. Therefore, we wish to terminate the contract for the full amount of $32,496.00. We thank you for the opportunity and if it works out, we will apply for additional opportunities from the Arizona Water Protection Fund Commission.

Sincerely,

AOR Print Name: Kerwin Lawrence

Sign Name: _____

ARIZONA WATER PROTECTION FUND COMMISSION

(as of September 30, 2020)

Commission Member / Affiliation	Statutory Category Represented	Appointing Authority	Term Expiration
Pat Jacobs* Central Arizona Project	Multi-County Water Conservation District	District Governing Board	December 31, 2020
Rodney J. Held** Salt River Project	Agricultural Improvement District	Governor	June 30, 2020
Shelley Blackmore Triangle Natural Resource Conservation District	Natural Resource Conservation District	Senate President	September 30, 2023
Harold Paul Brick San Pedro Natural Resource Conservation District	Natural Resource Conservation District	Senate President	October 18, 2016
Lucinda Earven Hereford Natural Resource Conservation District	Natural Resource Conservation District	Speaker of the House of Representatives	March 25, 2022
Roy Pierpoint Gila Bend Natural Resource Conservation District	Natural Resource Conservation District	Speaker of the House of Representatives	November 22, 2016
William Schock Santa Cruz Natural Resource Conservation District	State Association of Natural Resource Conservation Districts	Governor	June 30, 2016
VACANT	Member of the Public – B.S.in Hydrology – City Served by the Central Arizona Project	Governor	
VACANT	Indian Tribe	Inter Tribal Council of Arizona	
Thomas Buschatzke Director Department of Water Resources	Non-voting Ex Officio Member	Arizona Revised Statues § 45-2103(A)(7)	-
Lisa Atkins State Land Commissioner State Land Department	Non-voting Ex Officio Member	Arizona Revised Statues § 45-2103 (A)(7)	-
The Honorable Sine Kerr AZ State Senate	Non-voting Advisory Member	Senate President	April 9, 2022
The Honorable David L. Cook AZ House of Representatives	Non-voting Advisory Member	Speaker of the House of Representatives	September 21, 2020

*Chairman, **Vice-Chairman

Fiscal Year 2019 AWPF Grant Award Contract Negotiation Timeframes

Grant #	Project Title	Grantee	DRAFT/COMMENTS TO GRANTEE	FINAL DRAFT AGREEMENT	DRAFT TO LEGAL	CONTRACT TO GRANTEE FOR SIGNATURE	COMMISISON SIGNATURE
19-193WPF	Verde River-Oak Creek Confluence Habitat Improvement Project	Friends of the Verde River	1/8/2019	1/15/2019	1/16/2019	1/18/2019	2/1/2019
19-194WPF	Davis Cattle Co. Grassland Restoration	Arizona Association of Conservation Districts	3/22/2019	3/24/2019	3/27/2019	3/28/2019	4/17/2019
19-195WPF	Gila Valley Irrigation District Rapid Appraisal for Modernization	Gila Valley Irrigation District	1/17/2019	1/22/2019	1/22/2019	1/23/2019	2/6/2019
19-196WPF	Do Native Fish Facilitate the Persistence of Endangered Spikedace by Resuspending Food Particles	Arizona Board of Regents	5/20/2019, 6/14/2019	6/28/2019	7/9/2019	7/11/2019	8/7/2019
19-197WPF	Bill Williams Mountain Forest and Watershed Restoration Project	National Forest Foundation	2/6/2019	2/19/2019	2/19/2019	2/19/2019	3/8/2019
19-198WPF	Granite Creek Corridor Enhancement Master Plan	City of Prescott	1/30/2019	2/6/2019	2/6/2019	2/7/2019	3/5/2019
19-199WPF	Headwater Stream Restoration: Coyote Springs, Museum of Northern Arizona, Flagstaff	Museum of Northern Arizona/Springs Stewardship	6/14/2019	12/13/2019	12/13/2019	12/20/2019	1/7/2020
19-200WPF	American Gulch Channel and Riparian Enhancement	Town of Payson	3/18/2019	3/18/2019	3/18/2019	3/18/2019	4/17/2019
19-201WPF	Webber Creek Sediment Control Project	Boy Scouts of America - Grand Canyon Council	1/31/2019, 10/18/2019, 2/24/2020, 3/18/2020	3/26/2020	3/27/2020	3/30/2020	4/12/2020

Fiscal Year 2020 AWPF Grant Award Contract Negotiation Timeframes

Grant #	Project Title	Grantee	DRAFT TO GRANTEE	FINAL DRAFT AGREEMENT	DRAFT TO LEGAL	CONTRACT TO GRANTEE FOR SIGNATURE	CONRACT TO CHAIRMAN FOR SIGNATURE	COMMISISON SIGNATURE
20-202WPF	Gila Valley Irrigation District System Optimization Phase I	Gila Valley Irrigation District	2/7/2020, 3/18/2020, 4/13/2020	5/1/2020	5/1/2020	5/4/2020	6/12/2020	6/26/2020
20-203WPF	Sandhill Farm Water and Wildlife Conservation Project	Sandhill Farm, L.L.C.	2/7/2020, 3/30/2020	4/17/2020	4/17/2020	4/20/2020	5/4/2020	5/7/2020
20-204WPF	Winkelman Natural Resource Conservation District Riparian Restoration	Winkelman Natural Resource Conservation District	2/7/2020, 3/12/2020, 3/16/2020	3/19/2020	3/19/2020	3/20/2020	4/13/2020	4/16/2020
20-205WPF	Upper, Middle, and Lower Fossil Creek Invasive Plant Removal	National Forest Foundation	2/7/2020, 3/23/2020, 4/8/2020	4/8/2020	4/8/2020	4/13/2020	5/4/2020	5/7/2020
20-206WPF	Quantifying Benefits for Brush Management on Arizona Rangelands	Arizona Association of Conservation Districts	4/2/2020, 9/16/2020 (comments received 10/14/2020, Grantee requesting phone meeting to go over comments)					
20-207WPF	Harrenburg Wash Enhancement Project	Coconino County Parks & Recreation	2/14/2020, 7/9/2020	7/29/2020	7/29/2020	7/30/2020	9/11/2020	9/15/2020
20-208WPF	Paria Beach Riparian Restoration	Grand Canyon Wildlands Council	6/2/2020, 7/6/2020, 7/8/2020	7/9/2020	7/9/2020	7/14/2020	7/24/2020	7/31/2020
20-209WPF	Fort McDowell Yavapai Nation Verde River Riparian Restoration Project	Fort McDowell Yavapai Nation	3/27/2020, 4/8/2020	5/6/2020	5/6/2020	5/7/2020	7/30/2020	8/7/2020
05-129WPF-OM-01	Georges Lake Riparian Restoration - Operation and Maintenance	USDA Forest Service, Apache Sitgreaves National Forest	7/10/2020, 7/23/2020	7/27/2020	7/27/2020	7/30/2020	8/20/2020	8/27/2020

Arizona Department of Water Resources
Water Protection Fund
FY 2021 Fund Activity
For the period July 1, 2020, through Oct 30, 2020

Description	1302-WPF Grants	1303-WPF Administration	Total
Beginning Fund Balance - 7/1/2020	**$3,387,615**	**$40,413**	**$3,428,028**
Revenues:			
Interest Income	$0	$4,830	$4,830
In-Lieu Fee Deposit	$0	$0	$0
General Fund Appropriation	$62,500	$0	$62,500
Transfers - Administrative Expenses	($161,720)	$161,720	$0
Total - Revenues	-$99,220	$166,550	$67,330
Expenditures:			
Salary Expense	$0	$54,563	$54,563
Grantee Payments	$696,305	$0	$696,305
Travel	$0	$0	$0
Operating Expenses	$0	$0	$0
Total - Expenditures	$696,305	$54,563	$750,868
Fund Balance - October 30, 2020	**$2,592,090**	**$152,400**	**$2,744,490**
Less: Existing Grant Obligations	(2,081,480)		
Uncommitted Balance	**$510,610**	**$152,400**	**$663,010**

Arizona Department of Water Resources
Status of Active WPF Contracts

Grant Number	Grantee	Grant Amount	Adjustment Amount	Payment Amount	Funds Obligated	Expiration Date
17-188	Az. Assoc. of Conservation Districts	303,975.00		303,975.00	-	1/1/2020
17-189	Town of Prescott Valley	138,183.00		-	138,183.00	9/30/2020
17-192	Fort McDowell Yavapai Nation	113,896.00	20,675.00	9,784.68	124,786.32	10/31/2020
	AY 17 SUBTOTAL	556,054.00	20,675.00	313,759.68	262,969.32	
19-193	Friends of the Verde River	292,451.00		9,540.93	282,910.07	12/31/2021
19-194	Arizona Association of Conservation District	341,626.00		339,665.55	1,960.45	3/31/2022
19-196	Az Board of Regents for NAU	32,496.00			32,496.00	9/20/2022
19-197	National Forest Foundation	315,000.00		138,537.00	176,463.00	6/30/2021
19-198	City of Prescott	79,401.00		79,372.46	28.54	10/31/2020
19-199	The Museum of Northern Arizona, Inc	31,846.00			31,846.00	12/31/2023
19-200	Town of Payson	202,556.00		191,718.98	10,837.02	11/30/2020
19-201	Boy Scouts of America - Grand Canyon Council	166,057.50			166,057.50	1/31/2024
	AY 19 SUBTOTAL	1,461,433.50	-	758,834.92	702,598.58	
20-202	Gila Valley Irrigation District	257,775.00			257,775.00	9/30/2023
20-203	Sandhill Farm, LLC	35,254.00		7,050.00	28,204.00	4/30/2021
20-204	Winkelman Natural Resources Conservation	205,844.00		41,168.00	164,676.00	12/31/2022
20-205	National Forest Foundation	98,662.00			98,662.00	12/31/2022
20-206	Arizona Association of Conservation Districts	50,000.00			50,000.00	
20-207	Coconino County Parks & Recreation	129,190.00			129,190.00	12/31/2025
20-208	Grand Canyon Wildlands Council	187,699.00		37,539.00	150,160.00	11/30/2023
20-209	Fort McDowell Yavapai Nation	237,246.00			237,246.00	11/30/2022
	AY 20 SUBTOTAL	1,201,670.00	-	85,757.00	1,115,913.00	
	TOTAL ACTIVE GRANTS	**3,219,157.50**	**20,675.00**	**1,158,351.60**	**2,081,480.90**	

STATUS OF ACTIVE AWPF GRANTS

as of November 10, 2020

17-189WPF: Erosion Control to Stabilize Soils and Restore Historic Grasslands in the Upper Verde River Watershed

Grantee: Town of Prescott Valley
AWPF Grant Amount: $138,183
Total Paid to Date: $0
Contract Expiration Date: September 30, 2020

The Grantee experienced permitting delays which delayed the overall implementation of this project. A contract extension was granted by the Commission to September 30, 2020. Reports for the silt dam construction, baseline monitoring, public outreach, and final project report were submitted on September 30, 2020. Staff conducted a site visit of the project area on October 20, 2020. Staff is currently reviewing the information and deliverables submitted. The project will be closed out when the deliverables are approved, and the final reimbursement request has been submitted and processed.

17-192WPF: Lower Verde River Riparian Restoration Project

Grantee: Ft. McDowell Yavapai Nation
AWPF Grant Amount: $134,571
Total Paid to Date: $9,784.68
Contract Expiration Date: October 31, 2020

A grant award contract extension was executed extending the expiration date to October 31, 2020. The Grantee has completed all work components of the project and submitted the remaining progress reports and the project final report on October 30, 2020. Staff conducted a field site visit on October 22, 2020. The project will be closed out when the deliverables are approved, and the final reimbursement request has been submitted and processed.

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

Grantee: Friends of the Verde River
AWPF Grant Amount: $292,451
Total Paid to Date: $9,540.93
Contract Expiration Date: December 31, 2021

The Grantee has implemented baseline monitoring, initial vegetation treatments, a public outreach activity, and begun the initial and re-treatments of invasive species. Public outreach and spring 2020 monitoring activities were not able to be implemented as planned due to COVID-19, but these activities, including vegetation treatment activities, are planned to be implemented this winter if public health conditions are favorable.

19-194WPF: Davis Cattle Co. Grassland Restoration

Grantee: Arizona Association of Conservation Districts
AWPF Grant Amount $341,626
Total Paid to Date: $339,665.55
Contract Expiration Date: March 31, 2022

The Grantee has submitted the plans for the project and has implemented the aerial herbicide treatment on

5,345-acres to treat mesquite encroachment on grasslands. Pre-treatment vegetation treatment monitoring has been completed and an annual monitoring progress report is due for submittal.

19-196WPF: Do Native Fish Facilitate the Persistence of Endangered Spikedace by Resuspending Food Particles

Grantee:	Northern Arizona University
AWPF Grant Amount:	$32,496
Total Paid to Date:	$0
Contract Expiration Date:	September 30, 2022

The grant award contract was executed in August 2019. Research activities were planned to be implemented on UDSA Forest Service Lands within the Blue River mainstem, Campbell Blue Creek (lower reach), and Lower Grant Creek (tributary of the Upper Blue River) with two alternate sites identified on Bureau of Land Management lands within Bonita Creek (near Midnight Canyon) and Lower Grant Creek (tributary to the Upper Blue River).

The project was about 1 year behind schedule, and staff was recently notified that the Grantee is not able to implement the project as proposed. The Grantee is requesting the grant award contract to be terminated.

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

Grantee:	National Forest Foundation
AWPF Grant Amount:	$315,000
Total Paid to Date:	$138,537
Contract Expiration Date:	June 30, 2021

The Grantee has completed permitting requirements, the steep slope mechanical thinning plan, remote sensing monitoring plan, and subcontracting agreements for project activities, and has begun thinning treatments on Bill Williams Mountain. An interim progress report was submitted documenting thinning activities completed during the winter months before storms made work conditions unsafe. Contractors completed a majority of the 300 acres of hand-thinning in the project area by the end of October 2019. After trees were cut and bundled, the helicopter crew began hauling trees to a landing zone where the trees were processed into wood chips. Nearly 200 truckloads of chips (approximately 5,000 tons) have been shipped to Novo Power and Gro-Well Industries where the chips will be used as fuel for a biomass plant and wood chips for landscaping, respectively. Remaining treatments and remote sensing monitoring are planned to be implemented in fall 2020.

19-198WPF: Granite Creek Corridor Enhancement Master Plan

Grantee:	City of Prescott
AWPF Grant Amount:	$79,401
Total Paid to Date:	$79,372.46
Contract Expiration Date:	October 31, 2020

The Grantee has implemented the project area site assessment and public education and outreach activities, and completed the Master Plan for the Granite Creek Corridor Enhancements and the project Final Report. All project deliverables have been approved, and the final reimbursement request has been processed.

19-99WPF: Headwater Stream Restoration: Coyote Springs, Museum of Northern Arizona, Flagstaff

Grantee:	Museum of Northern Arizona, Inc.
AWPF Grant Amount:	$31,846
Total Paid to Date:	$0
Contract Expiration Date:	December 31, 2023

The grant award contract was executed on January 7, 2020, and does include a provision that the severance and transfer of Certificate of Water Right No. 2919 must be complete before any other grant related actions take place. To date, the severance and transfer process has not yet been begun and it may take up to one year. If the severance and transfer is not successful or does not move forward, the matter will need to be brought forth to the Commission for further discussion.

19-200WPF: American Gulch Channel and Riparian Enhancement

Grantee:	Town of Payson
AWPF Grant Amount:	$202,556
Total Paid to Date:	$191,718.98
Contract Expiration Date:	November 30, 2020

The grantee has completed all channel restoration and riparian enhancement activities and submitted the project final report. Staff conducted a field site visit on October 27, 2020. The project will be closed out when the final report deliverable is approved, and the final reimbursement request has been submitted and processed.

19-201WPF: Webber Creek Sediment Control Project

Grantee:	Boy Scouts of America - Grand Canyon Council
AWPF Grant Amount:	$161,507.50
Total Paid to Date:	$0
Contract Expiration Date:	January 31, 2024

A grant award contract was finally executed on April 12, 2020. The first deliverable (Drainage and Erosion Master Control Plan) was submitted on October 29, 2020, and a public outreach and education plan is to be submitted. The grantee will also need to obtain and submit all necessary permits, clearances and authorizations before erosion control activities commence.

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

Grantee:	Gila Valley Irrigation District
AWPF Grant Amount:	$257,775
Total Paid to Date:	$0
Contract Expiration Date:	September 30, 2023

The grantee has developed and submitted the Lateral Gate Upgrade / Replacement Plan and staff is awaiting the approved engineering design as an attachment to the plan to complete the deliverable. The grantee will need to obtain and submit all necessary permits, clearances and authorizations before project activities commence. The grantee estimated 157 gates needed upgrades or replacements when the grant application was submitted. After detailed on site location information was obtained, the number of gates for replacement totaled 148, with 28 located on Smithville Canal, 32 on Dodge-Nevada Canal, and 88 on Union Canal.

20-203WPF: Sandhill Farm Water and Wildlife Conservation Project

Grantee:	Sandhill Farm LLC.
AWPF Grant Amount:	$35,254
Total Paid to Date:	$7,050 (Advance)
Contract Expiration Date:	April 30, 2021

The grantee completed permitting requirements, installed the new solar well pump, and is in the process of adding this well to their existing irrigation water right. Next steps are to hook the pump up to the solar panel array, connect the water well to the existing irrigation line system, and install fencing to protect the well and solar panels.

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

Grantee:	Winkelman Natural Resource Conservation District
AWPF Grant Amount:	$205,844
Total Paid to Date:	$41,168 (Advance)
Contract Expiration Date:	December 31, 2022

The grantee is currently obtaining all necessary permits, clearances, and authorizations. Restoration work plans are due to be submitted for the project, and pre-treatment monitoring is planned to be completed this fall.

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

Grantee:	National Forest Foundation
AWPF Grant Amount:	$98,662
Total Paid to Date:	$0
Contract Expiration Date:	December 31, 2022

The grantee is currently obtaining all necessary permits, clearances, and authorizations. A monitoring plan and invasive vegetation treatment plan are due to be submitted for the project, and monitoring and invasive treatments are planned to be implemented this fall.

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

Applicant:	Arizona Association of Conservation Districts
AWPF Grant Award:	*$50,000*

The grant award contract is still in negotiation with the grantee.

20-207WPF: Harrenburg Wash Enhancement Project

Grantee:	Coconino County Parks & Recreation
AWPF Grant Amount:	$129,190
Total Paid to Date:	$0
Contract Expiration Date:	December 31, 2025

The grantee is currently negotiating a subcontract for the development of the project restoration plan, and developing a Grading Plan with Hydraulic Model and Drainage Report with Coconino County.

20-208WPF: Paria Beach Riparian Restoration

Grantee:	Grand Canyon Wildlands Council
AWPF Grant Amount:	$187,699
Total Paid to Date:	$37,539 (Advance)
Contract Expiration Date:	November 30, 2023

The grantee is currently obtaining all necessary permits, clearances, and authorizations. Project work plans for vegetation, wildlife, and photo monitoring, and public outreach are due to be submitted for the project, in addition to a historic photo analysis report of the project area.

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

Grantee:	Fort McDowell Yavapai Nation
AWPF Grant Amount:	$237,246
Total Paid to Date:	$0
Contract Expiration Date:	November 30, 2022

The grantee is currently obtaining all necessary permits, clearances, and authorizations. No other information to report at this time.