

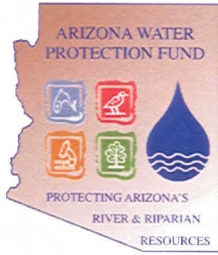
ARIZONA WATER
PROTECTION FUND



PROTECTING ARIZONA'S
RIVER & RIPARIAN
RESOURCES

ANNUAL REPORT

2008 - 2009



Arizona Water Protection Fund Commission

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Steve Olson, Vice-Chair
Raphael Bear
Timothy Bray
Paul Brick
John Keane
John Munderloh
Kristine Uhlman

Executive Director

Rodney Held

July 20, 2009

Honorable Janice K. Brewer
Governor of Arizona, and

Honorable Members
Arizona State Legislature

I am pleased to submit to you the Fiscal Year 2009 Annual Report of the Arizona Water Protection Fund Commission. This report provides an overview of program accomplishments from July 1, 2008 through June 30, 2009.

This was the fourteenth year of our statewide public grants program for restoring, maintaining and enhancing rivers, streams and riparian habitats. Although the Commission was not provided with an appropriation in the state budget this fiscal year, it did utilize funding from in-lieu fees deposited by Central Arizona Project in Fiscal Year 2009. The Commission used those funds to award eleven new grants in support of our statutory directive.

To date, the Commission has awarded 199 grants totaling over \$40 million. Projects have been funded in every county and have benefited countless miles of rivers and streams throughout Arizona. The Arizona Water Protection Fund staff also continues to demonstrate leadership and expertise in providing technical advice and assistance for designing and implementing an effective riparian protection program. Through these efforts, the Arizona Water Protection Fund has contributed significantly to statewide natural resource protection and invested in the future of Arizona.

The Commission is proud to oversee the Arizona Water Protection Fund and to provide an important function of protecting, restoring and enhancing some of the State's most valuable natural resources. Please contact me at (520) 971-1071 if I can answer any questions.

Sincerely,

Marie Light
Chair

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Executive Summary

The Arizona Legislature established the Arizona Water Protection Fund (AWPF) in 1994. The purpose of the AWPF is to provide monies for implementation of projects that will maintain, enhance and restore rivers, streams and associated riparian resources through a yearly competitive public grant process. The Arizona Water Protection Fund Commission (Commission), which oversees the AWPF, is comprised of 15 appointed citizen based voting members and 2 non-voting state agency members. Commissioners represent a variety of land, water use and riparian perspectives.

The Arizona Water Protection Fund was intended to be a proactive response to possible federal intervention in Arizona's river and riparian resource issues. The program was partially created to promote the use of incentives emphasizing local implementation rather than regulation to address resource concerns. As such, the Commission's philosophy has been to utilize a grass roots approach to improving river and riparian resources statewide. The program is operated through a competitive grant process that asks the public to propose local solutions rather than having the State dictate specific measures, priorities or areas of concern.

Rivers, streams and riparian areas are important resources to the people of Arizona. These resources have been significantly impacted from human uses such as industry, recreation and livestock grazing as well as from natural events such as floods, drought and fire. Proper land and watershed management strategies can make a profound difference in the health and economic value of our rivers and riparian ecosystems. The Commission has invested in 199 projects over the past fourteen years and contributed almost \$41 million toward the restoration, protection and enhancement of river and riparian resources in Arizona. As a result, Arizona citizens have realized many benefits from these investments through improvements in water quality, in-stream flows/water supplies, biodiversity, fish and wildlife habitat, recreation, flood control and overall watershed health. In addition, important socioeconomic benefits such as jobs and revenue streams are realized by many local communities through the implementation of Arizona Water Protection Fund projects.

The Commission held regular business meetings throughout the year. The Commission's FY 2009 grant cycle officially began on March 12, 2008. Staff held grant application workshops throughout the state during March and April, 2008. Staff also conducted pre-application consultations through June 6, 2008. The Commission received 16 grant applications totaling \$3,375,026 in requested funding. Eleven applications totaling \$2,867,420 were approved by the Commission on October 20, 2008; however it was necessary to defer contracting four of those projects due to legislative funding sweeps.

The Commission will not be able to offer a grant cycle for FY 2010, because of additional legislative funding sweeps and the lack of a general fund appropriation.

Arizona Water Protection Fund Creation and Purpose

The 1994 Arizona Legislature established the Arizona Water Protection Fund (AWPF) and the Arizona Water Protection Fund Commission (Commission) to administer the AWPF (A.R.S. § 45-2101 et seq.). In passing the enabling legislation, the Legislature declared that their policy was to provide for a coordinated effort for the restoration and conservation of the water resources of the state. The policy was designed to allow the people of Arizona to prosper while providing financial resources for protection and restoration of this State's rivers, streams and associated riparian habitats, including dependent fish and wildlife resources. The law mandates that financial resources be available through grants to appropriate public and private entities to assist in water resource management activities that are consistent with that policy (A.R.S. § 45-2101 (A)).

The primary purpose of the AWPF by statute is to provide an annual source of funds for the development and implementation of measures to protect water of sufficient quality and quantity to maintain, enhance and restore rivers, streams and associated riparian resources, including fish and wildlife resources that are dependent on these important habitats, consistent with existing water law and water rights. The Commission may also provide funding to develop and protect riparian habitats in conjunction with a man-made water resource project, if the man-made water resource project directly or indirectly benefits a river or stream and includes or creates a riparian habitat.

Program Organization

Arizona Water Protection Fund Commission

The Commission is the main policy making body for the AWPF. The Commission is comprised of 15 voting members who must be Arizona residents and are appointed by various officials who, by statute, represent a variety of land, water use and socioeconomic perspectives. In addition, several of the appointed positions require technical expertise in water, natural resources and riparian ecology. There also are two non-voting ex officio members – The Director of the Arizona Department of Water Resources and the Commissioner of the Arizona State Land Department. A list of current Commissioners and vacancies is provided in Table 1.

Arizona Water Protection Fund Administration

The Arizona Department of Water Resources (ADWR) provides the primary technical, legal and administrative staff to the Commission. The AWPF is managed by its Executive Director under the direction of the Commission. Current staffing includes an Executive Director, 2 Project Managers, Legal Counsel and an Administrative Assistant.

The Arizona State Land Department staff position that is to act as a special liaison to Natural Resource Conservation Districts has remained vacant.

Table 1. Arizona Water Protection Fund Commissioners

Commission Member Name	Statutory Category Represented – Affiliation	Term Expires	Appointing Authority
Bear, Raphael	Indian Tribe – Fort McDowell Yavapai Nation	2010	Intertribal Council of Arizona
Bray, Timothy	Multi-County Water Conservation District – Central Arizona Project (CAP)	2009	District Governing Board (CAWCD)
Brick, Harold Paul	Natural Resource Conservation Districts – San Pedro Natural Resource Conservation District	2007	Governor
Keane, John	Agricultural Improvement District w/ Natural Resource Expertise – Salt River Project	2008	Governor
Light, Marie*	Member of Public – Hydrologist	2009	Senate President
Munderloh, John	Member of Public & population of <500,000 – Town of Prescott Valley	2008	House Speaker
Olson, Steven**	Municipality w/ CAP Subcontract & County w/ a population of >1.2 million – Arizona Municipal Water Users Association	2009	Governor
Uhlman, Kristine	Member of Public – Hydrogeologist	2010	Governor
VACANT	Municipality w/ CAP Subcontract & County w/ a population of <1,200,000 & >500,000		Senate President
VACANT	Municipality w/ CAP Subcontract & County w/ a population of <500,000		House Speaker
VACANT	Agriculture		House Speaker
VACANT	A member of the public with at least a bachelor's degree in biology, botany, ecology, geology, geography, hydrology, resource economics, or zoology and work related experience.		Senate President
VACANT	Environmental Organization w/ Riparian Expertise		Governor
VACANT	Environmental Organization w/ Riparian Expertise		Governor
VACANT	Industrial Water User w/ CAP Subcontract		Governor
Guenther, Herb	Non-Voting Ex Officio Member – Director, Department of Water Resources		Governor
Baier, Maria	Non-Voting Ex Officio Member – State Land Commissioner		Governor

*Commission Chair

**Commission Vice-Chair

Accomplishments FY 2009

Arizona Water Protection Fund staff managed 40 active grant projects and provided technical assistance to grantees. In addition to project management, staff held grant application workshops throughout the state and conducted pre-application consultations with potential applicants for the FY 2009 grant cycle. Staff also provided the Commission with detailed grant application evaluations.

The Arizona Water Protection Fund Commission approved 11 of the 19 grant applications that it received for FY 2009; however it was necessary to defer contracting on four projects due to legislative funding sweeps. Funds received by the Commission from in-lieu fees collected during FY 2009 and deposited in FY 2010 will be used to fulfill two of those four contracts. If adequate funding becomes available, the Commission will move forward with contracting the remaining two projects (grants 09-168WPF and 09-170WPF, which are identified below under FY 2009 Grants Awarded).

To date, the Commission has invested in 199 projects and contributed almost \$41 million toward the restoration, protection and enhancement of river and riparian resources in Arizona. A wide range of projects have been funded including but not limited to channel restoration, riparian revegetation, wetland creation/restoration, fencing and other grazing management improvements, upland restoration, erosion control and applied ecological research. Arizona citizens have realized many benefits from these investments through improvements in water quality, in-stream flows/water supplies, biodiversity, fish and wildlife habitat, recreation, flood control and overall watershed health. In addition, important socioeconomic benefits such as jobs and revenue streams are realized by many local communities through the implementation of Arizona Water Protection Fund projects. A complete list of projects and a location map are included in Appendix A.

FY 2009 Grant Awards

09-162WPF: Middle Fossil Creek Riparian Habitat Protection and Restoration

Map #	Grantee	County	AWPF Funding
360	U.S Forest Service	Yavapai & Gila	\$250,348.00

Project Description: The purpose of this project is to restore riparian habitat, reduce sediment, improve water quality and protect cultural resources in Middle Fossil Creek through permanent removal of high-use dispersed campsites; ripping and reseeding of access roads located within the riparian zone; and the development of a communication plan to educate visitors about the importance of riparian resources. The project also will include monitoring of riparian vegetation, water quality and visitor use.

09-163WPF: Double Circle Ranch Erosion Control Project

Map #	Grantee	County	AWPF Funding
361	Wilma Jenkins	Greenlee	\$35,356.00

Project Description: The purpose of this project is to reduce sediment load and erosion occurring in a watershed that feeds into Eagle Creek on a portion of this 37,000-acre ranch located in the Apache-Sitgreaves National Forests. The project includes restoration of drainages by constructing small rock dams, media lunas, splash aprons, and armoring in eroding gullies to catch silt and soil and thereby reducing channel sediment loading, increasing vegetation, and improving channel characteristics of the drainages.

09-164WPF: Babocomari River Riparian Protection Project

Map #	Grantee	County	AWPF Funding
362	Coronado Resource Conservation and Development	Santa Cruz	\$118,125.00

Project Description: The purpose of this project is to conserve significant riparian resources on two adjoining ranches in southeast Arizona, the Babocomari Cattle Ranch and the adjoining Appleton-Whittell Research Ranch. The project will involve the installation of 2 miles of livestock fencing along the Babocomari River. Monitoring and reporting will be completed to support cooperating ranches with making future management decisions.

09-165WPF: Alpine Ranger District Riparian Improvement

Map #	Grantee	County	AWPF Funding
363	National Wild Turkey Federation	Apache	\$372,579.00

Project Description: The purpose of this project is to improve water quality, riparian vegetation, wild turkey nesting and brood habitat, and threatened, endangered and sensitive species habitats on eight riparian sites on the Apache-Sitgreaves National Forests. This project will include forest thinning, constructing fence enclosures, spring box restoration, and creek crossing modifications working in coordination with the U.S.D.A. Forest Service's Alpine Ranger District.

09-166WPF: Hunter's Hole Riparian and Wetland Restoration Project

Map #	Grantee	County	AWPF Funding
364	Yuma Crossing National Heritage Area	Yuma	\$648,389.00

Project Description: The purpose of this project is to restore 36.75 acres of riparian and wetland habitat along the Colorado River in the Limitrophe Division. Restoration of native habitats will occur in: 9.25 acres of open water and channels; 10.25 acres of marsh; 7.5 acres of riparian habitat; and 9.75 acres of mesquite habitat. The project will include excavation of existing and proposed open water ponds and channels, restoration using bioengineering techniques and revegetation with native species, and the use of stop log structures that can be manipulated to flood irrigate the site.

09-167WPF: Tavasci Marsh Wetland Restoration Project

Map #	Grantee	County	AWPF Funding
365	Natural Channel Design, Inc.	Yavapai	\$374,838.00

Project Description: The purpose of this project is to restore and protect wetland marsh vegetation and wildlife habitat; enhance hydrologic conditions and marsh function; and to decrease the negative impacts of monotypic and invasive vegetation on 9 acres of Tavasci Marsh. This project also will include the development of preliminary restoration design for the remaining 101 acres of marsh and stream with the National Park Service boundaries.

09-168WPF: Eagle Creek Riparian Restoration at Filleman Crossing

Map #	Grantee	County	AWPF Funding
366	Harold Filleman	Greenlee	\$167,233.19

Project Description: The purpose of this project is to reduce stream sedimentation and turbidity in addition to protecting and enhancing habitat for federally listed fish and wildlife species by repairing a road crossing on private property along US Forest Service Road 217. This project will include installing rock rip-rap, aggregate, and gravel surfacing across the stream channel in a collaborative effort between the applicant, U.S. Forest Service, Gila Watershed Partnership, the Upper Eagle Creek Association, and Eastern Arizona College educators and students who will participate in water quality and macro-invertebrate sampling events.

09-169WPF: Gila River Water Conservation Education Program

Map #	Grantee	County	AWPF Funding
367	The Gila Watershed Partnership	Graham	\$148,612.80

Project Description: The purpose of this project is to reduce per capita per day consumption of water throughout the Upper Gila Watershed. An intense water education program will be implemented in Graham and Greenlee Counties and will include a media campaign, school education program, home and business water audit program, and educational programs at major community events.

09-170WPF: Wildbunch Allotment Riparian Restoration

Map #	Grantee	County	AWPF Funding
368	Carlyle and Marty Cathcart	Greenlee	\$161,260.58

Project Description: The purpose of this project is to promote recovery of riparian vegetation and aquatic habitat within major drainages of the Wildbunch allotment. Fencing of pastures in Indian Creek and increasing woody debris placement in specific riparian corridors will help restore riparian habitat.

09-171WPF: Black Canyon Riparian Restoration Project

Map #	Grantee	County	AWPF Funding
369	Black Canyon City Community Association	Yavapai	\$281,288.00

Project Description: The purpose of this project is to enhance and restore approximately 22 acres of native cottonwood, willow, mesquite, and open water and marsh habitat along and adjacent to .5 miles of the Agua Fria River located in Black Canyon City. This project will include clearing, mulching, herbicide treatment of non-native vegetative species, channel and wetland excavation, and native plant revegetation. The project will enhance native plant species and habitat for fish and wildlife.

09-172WPF: Sinclair Wash Riparian Enhancement Project

Map #	Grantee	County	AWPF Funding
370	Northern Arizona University	Coconino	\$309,390.00

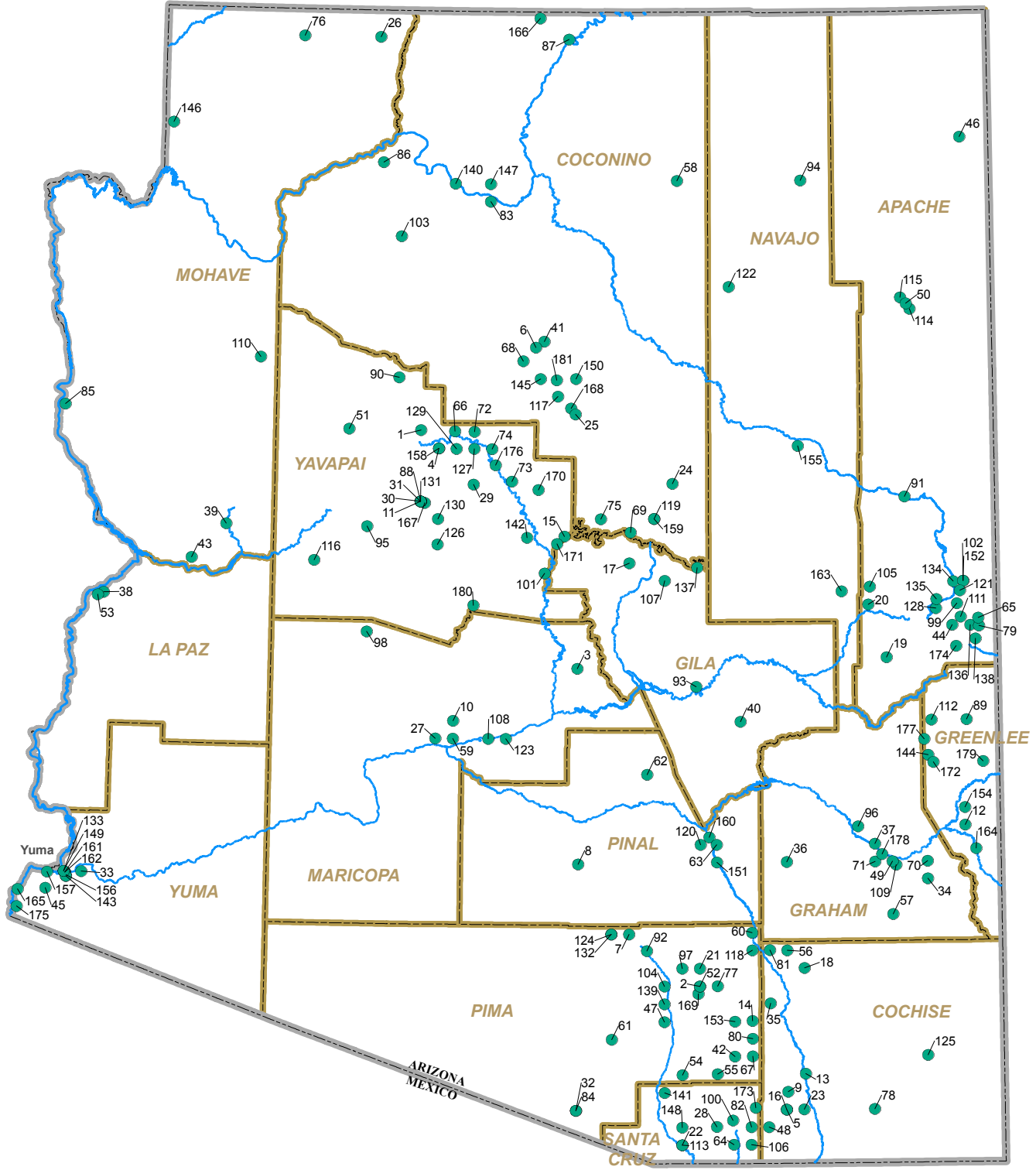
Project Description: The purpose of this project is to increase channel function and stability, enhance riparian vegetation, and extend wildlife corridors on 3,000 feet of Sinclair Wash on 5 acres of land located on Northern Arizona University's campus in Flagstaff. The project will include weed management, revegetation, public outreach, and monitoring. This project will also include propagation of cottonwood trees and willows from rare and isolated relict stands in Northern Arizona for an on-site refugia and outdoor laboratory to be used to educate University students, research staff, and the Flagstaff community about the importance of riparian habitats.

Conclusion

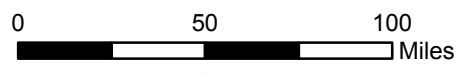
The Arizona Water Protection Fund Commission will not be able to offer a grant cycle for FY 2010, because of legislative funding sweeps and the lack of a general fund appropriation. However, in the upcoming fiscal year, The Commission and staff will strive to continue making substantial progress toward the restoration, protection and enhancement of river and riparian resources throughout the State.

Appendix A: List and Map of AWPF Projects

The Map and List of AWPF Projects with Map Key in this report contain a compilation of grants awarded between FY 1995 – 2009 that have been implemented through contracts and had expenditures made against the grant award. Some grant awards were not contracted, and in those circumstances, monies were unobligated. Grant awards that have been unobligated have been omitted from the list in this report



- AWPFF Project Location
- Major Cities and Towns
- ~ Rivers and Streams
- COUNTY
- Arizona Boundary



Arizona Water Protection Fund Project Locations

(See following Map Key for project descriptions)



List of AWPf Projects with Map Key

Map #	Grant #	Project Title	Grant Amount*
1	95-001	Stable Isotope Assessment of Groundwater and Surface Water Interaction – Application to the Verde River Headwaters	\$21,508.00
2	95-002	Partnership for Riparian Conservation in Northeastern Pima County	\$78,100.00
3	95-003	Sycamore Creek Riparian Management Area	\$115,522.00
4	95-004	Road Reclamation to Improve Riparian Habitat Along the Hassayampa and Verde Rivers	\$45,693.00
5	95-005	Preservation of the San Pedro River Utilizing Effluent Recharge	\$2,585,724.53
6	95-006	Riparian Habitat Restoration Along a Perennial Reach of a Verde River Tributary	\$102,535.00
7	95-007	Marana High Plains Effluent Recharge Project	\$189,000.00
8	95-008	Picacho Reservoir Riparian Enhancement Project	\$2,400,000.00
9	95-009	Regeneration and Survivorship of Arizona Sycamore	\$34,617.00
10	95-010	Assessment of the Role of Effluent Dominated Rivers in Supporting Riparian Functions	\$46,750.00
11	95-012	The Comprehensive Plan for the Watson Woods Riparian Preserve	\$33,267.34
12	95-014	Gila Box Riparian and Water Quality Improvement Project	\$239,766.98
13	95-015	San Pedro Riparian National Conservation Area Watershed Rehabilitation/ Restoration Project	\$286,000.00
14	95-016	Refinement of Geologic Model, Lower Cienega Basin, Pima County, Arizona	\$7,390.00
15	95-017	Restoration of Fossil Creek Riparian Ecosystem	\$59,693.00
16	95-018	Autecology and Restoration of Sporobolus Wrightii Riparian Grasslands in Southern Arizona	\$53,734.00
17	95-019	Quantifying Anti-Erosion Traits of Streambank Graminoids	\$14,910.00
18	95-020	Teran Watershed Enhancement	\$151,753.00
19	95-021	Lofer Cienega Restoration Project	\$161,204.00
20	95-022	Gooseberry Watershed Restoration Project	\$126,406.00
21	95-023	Sabino Creek Riparian Ecosystem Protection Project	\$16,385.00
22	95-024	Potrero Creek Wetland Characterization and Management Plan	\$75,300.00
23	96-0001	San Pedro Riparian National Conservation Area Watershed Protection and Improvement Project	\$89,250.00
24	96-0002	Completion Phase: Hi-Point Well Project	\$77,844.00
25	96-0003	Hoxworth Springs Riparian Restoration Project	\$31,545.00
26	96-0004	Hydrologic Investigation & Conservation Planning: Pipe Springs	\$50,000.00
27	96-0005	Tres Rios River Management & Constructed Wetlands Project	\$1,000,000.00
28	96-0006	Hydrogeologic Investigation of Groundwater Movement and Sources of Base Flow to Sonoita Creek and Implementation of Long-Term Monitoring Program	\$155,715.00
29	96-0007	Ash Creek Riparian Protection Project	\$19,248.00
30	96-0008	Watson Woods Vegetation Inventory	\$16,115.00
31	96-0009	Watson Woods Riparian Preserve Visitor Management	\$8,556.79
32	96-0010	Rehabilitating the Puertocito Wash on the Buenos Aires National Wildlife Refuge	\$83,432.00
33	96-0011	Lower Colorado River – Imperial Division Restoration	\$435,928.00
34	96-0012	Eagle Creek Watershed and Riparian Stabilization	\$80,626.00
35	96-0013	Happy Valley Riparian Area Restoration Project	\$64,697.00

* The “Grant Amount” column represents the full grant awarded for each project and will total more than the grant disbursements and grant obligations sections on the financial page. Some grants have been completed for less money than the amount budgeted while others have terminated prior to expenditure of the full grant amount. This column has not been changed to reflect these situations.

List of AWPf Projects with Map Key

Map #	Grant #	Project Title	Grant Amount
36	96-0014	Klondyke Tailings Response Strategy Analysis (RSA)	\$77,614.00
37	96-0015	Abandonment of an Artesian Geothermal Well	\$113,360.00
38	96-0016	'Ahakhav Tribal Preserve	\$1,131,477.00
39	96-0017	Big Sandy River Riparian Project	\$92,000.00
40	96-0018	San Carlos Spring Protection Project	\$131,540.00
41	96-0019	Response of Bebb Willow to Riparian Restoration	\$34,924.00
42	96-0020	Cienega Creek Stream Restoration	\$210,700.00
43	96-0021	Riparian Vegetation and Stream Channel Changes Associated with Water Management along the Bill Williams River	\$14,788.00
44	96-0022	Saffell Canyon and Murray Basin Watershed Restoration	\$27,143.62
45	96-0023	Watershed Restoration at the Yuma Conservation Gardens	\$31,050.00
46	96-0025	Tsaile Creek Watershed Restoration Demonstration	\$152,775.00
47	96-0026	Riparian Restoration on the San Xavier Indian Reservation Community	\$591,319.00
48	97-027	Lyle Canyon Allotment Restoration Project	\$60,359.57
49	97-028	Creation of a Reference Riparian Area in the Gila Valley – Discovery Park	\$182,000.00
50	97-029	Demonstration Enhancement of Pueblo Colorado Wash at Hubbell Trading Post	\$91,110.00
51	97-030	Walnut Creek Center for Education and Research – Biological Inventory	\$50,580.00
52	97-031	Lincoln Park Riparian Habitat Project (f.k.a. Atturbury Wash Project)	\$154,580.00
53	97-032	'Ahakhav Tribal Preserve – Deer Island Revegetation	\$228,800.00
54	97-033	Proctor Vegetation Modification	\$11,487.00
55	97-034	Oak Tree Gully Stabilization	\$42,491.00
56	97-035	Watershed Improvement to Restore Riparian and Aquatic Habitat on the Muleshoe Ranch CMA	\$128,315.00
57	97-036	Stable Isotopes as Tracers of Water Quality Constituents in the Upper Gila River	\$27,338.00
58	97-037	Talastima (Blue Canyon) Watershed Restoration Project	\$310,192.00
59	97-038	Tres Rios Wetland Heavy Metal Bioavailability Design for Denitrification and Microbial Water Quality	\$117,028.00
60	97-040	Bingham Cienega Riparian Restoration Project	\$84,679.00
61	97-041	Altar Valley Watershed Resource Assessment	\$88,730.00
62	97-042	Queen Creek Restoration and Management Plan	\$207,595.00
63	97-044	San Pedro River Preserve Riparian Habitat Restoration Project	\$346,627.00
64	97-045	Santa Cruz Headwaters Project	\$100,445.00
65	98-046	EC Bar Ranch Water Well Project	\$20,300.00
66	98-047	Upper Verde Adaptive Management Unit	\$115,300.00
67	98-049	Empire/Cienega/Empirita Fencing Project	\$54,850.00
68	98-050	Watershed Restoration of a High Elevation Riparian Community	\$304,775.00
69	98-051	Evaluation of Carex Species for Use in Riparian Restoration	\$47,907.00
70	98-052	Tritium as a Tracer of Groundwater Sources and Movement in the Upper Gila River Drainage	\$41,028.00
71	98-054	Fluvial Geomorphology Study and Demonstration Projects to Enhance and Restore Riparian Habitat on the Gila River from the New Mexico Border	\$449,872.00
72	98-055	Horseshoe Allotment: Verde Riparian Project II	\$82,561.99
73	98-057	Upper Verde Valley Riparian Area Historical Analysis	\$44,019.00

List of AWPf Projects with Map Key

Map #	Grant #	Project Title	Grant Amount
74	98-058	Effects of Removal of Livestock Grazing on Riparian Vegetation and Channel Conditions of Selected Reaches of the Upper Verde River	\$116,500.00
75	98-059	Verde River Headwaters Riparian Restoration Demonstration Project	\$204,629.00
76	98-061	Watershed Enhancement on the Antelope Allotment	\$137,307.00
77	98-062	Partnership for Riparian Conservation in Northeastern Pima County II	\$54,734.55
78	98-066	Hay Mountain Watershed Rehabilitation	\$116,525.00
79	99-067	EC Bar Ranch Wildlife Drinker Project	\$30,500.00
80	99-068	Lower Cienega Creek Restoration Evaluation Project	\$83,272.00
81	99-069	Riparian and Watershed Enhancements on the A7 Ranch – Lower San Pedro River	\$521,197.45
82	99-070	Lyle Canyon Allotment Riparian Area Restoration Project --- Phase 2	\$214,211.00
83	99-071	Protection of Spring and Seep Resources of the South Rim, Grand Canyon National Park by Measuring Water Quality, Flow, and Associated Biota	\$238,953.00
84	99-072	Leopard Frog Habitat and Population Conservation at Buenos Aires National Wildlife Refuge	\$120,485.00
85	99-073	Colorado River Nature Center Backwater --- Phase 2	\$41,500.00
86	99-074	Proposal to Inventory, Assess, and Recommend Recovery Priorities for Arizona Strip Springs, Seeps, and Natural Ponds	\$101,856.00
87	99-075	Glen and Grand Canyon Riparian Restoration Project	\$371,285.00
88	99-076	Watson Woods Preserve Herpetological Interpretive Guide and Checklist	\$31,255.55
89	99-077	Blue Box Crossing	\$150,000.00
90	99-078	Aquifer Framework and Ground-Water Flow Paths in Big and Little Chino Basins	\$188,140.00
91	99-079	Little Colorado River Riparian Restoration Project	\$404,587.00
92	99-080	Cortaro Mesquite Bosque	\$486,650.00
93	99-083	Cherry Creek Enhancement Demonstration Project	\$263,225.00
94	99-084	Assessments of Riparian Zones in the Little Colorado River Watershed	\$79,443.50
95	99-085	Kirkland Creek Watershed Resource Assessment	\$131,430.00
96	99-086	Abandonment of Gila Oil Syndicate Well #1	\$333,790.00
97	99-087	Rillito Creek Habitat Restoration Project	\$293,000.00
98	99-088	Wickenburg High School Stream Habitat Creation	\$69,100.00
99	99-089	Town of Eager/Round Valley Water Users Association Pressure Irrigation Feasibility Study & Preliminary Design	\$320,540.00
100	99-090	Redrock Riparian Improvement	\$62,350.00
101	99-091	Effects of Livestock Use Levels on Riparian Trees on the Verde River	\$41,417.00
102	99-092	Little Colorado River Enhancement Demonstration Project	\$348,627.94
103	99-093	Coconino Plateau Regional Water Study	\$134,200.00
104	99-094	Santa Cruz River Park Extension	\$434,684.00
105	99-095	Brown Creek Riparian Restoration	\$34,037.00
106	99-096	Upper Santa Cruz Watershed Restoration	\$184,950.00
107	99-097	Dakini Valley Riparian Project	\$66,130.00
108	99-098	Rio Salado Habitat Restoration Project	\$950,408.00
109	00-099	Gila Reference Riparian Area, Discovery Park	\$152,850.80
110	00-100	Willow Creek Riparian Restoration Project	\$33,480.00
111	00-101	Murray Basin and Saffell Canyon Watershed Restoration project	\$260,727.83

List of AWPf Projects with Map Key

Map #	Grant #	Project Title	Grant Amount
112	00-102	Upper Eagle Creek Restoration on East Eagle Allotment: 4 Drag Ranch	\$66,330.00
113	00-103	Riparian Restoration on the Santa Cruz River – Santa Fe Ranch	\$49,008.00
114	00-104	Continued Enhancement of Pueblo Colorado Wash at Hubbell Trading Post National Historic Site	\$69,349.00
115	00-105	Hubbell Trading Post Riparian Restoration with Treated Effluent	\$81,951.00
116	00-106	Tres Alamos Dirt-Tanks-To-Aquatic-Habitat-Conversion	\$69,220.56
117	00-108	Lake Mary Watershed Streams Restoration	\$253,119.00
118	00-109	Lower San Pedro Watershed Project	\$249,871.00
119	00-110	Upper Fairchild Draw Riparian Restoration	\$35,515.00
120	00-111	Cooperative Grazing Management for Riparian Improvement on the San Pedro	\$228,701.00
121	00-112	Town of Eagar/Round Valley Water Users Association Pressure Irrigation Feasibility Study and Preliminary Design – Additional Mapping for Water Quality Improvements in the Watershed	\$151,829.00
122	00-113	Polacca Wash Grazing Management	\$267,511.00
123	00-114	The Papago Park Greenline Project	\$229,152.00
124	00-115	Tucson Audubon Society North Simpson Farm Riparian Recovery Project	\$127,409.30
125	03-116	Cottonwood Creek Restoration	\$185,772.50
126	03-117	Lynx Creek Restoration at Sediment Trap #2	\$179,771.50
127	03-118	Verde River Riparian Area Partnership Project	\$111,221.00
128	03-119	Wet Meadows for Water Quality and Wildlife – A Riparian Restoration Project	\$137,027.30
129	04-120	Verde River Headwaters 3-D Hydrogeological Model Framework and Visualization	\$46,634.00
130	04-121	Lynx Creek Restoration	\$266,020.00
131	04-122	Watson Woods Riparian Preserve Restoration Feasibility Project	\$198,627.00
132	04-123	Tucson Audubon Society, Santa Cruz River Habitat Project, North Simpson Site, Phase 2	\$130,786.00
133	04-124	Yuma East Wetlands Riparian Revegetation Project	\$285,878.25
134	05-125	Wilkins' family Little Colorado River Riparian Enhancement Project	\$293,618.00
135	05-126	X Diamond Ranch LCR Riparian Enhancement Project	\$352,119.00
136	05-127	EC Bar Ranch Reach 8 Water Well and Drinker Project	\$22,235.00
137	05-128	Canyon Creek Riparian Restoration Project, Reach 4-5	\$106,919.00
138	05-129	Georges Lake Riparian Restoration Project	\$168,636.50
139	05-130	Riparian Restoration on the San Xavier District – Project Two	\$36,353.00
140	05-131	Management & Control of Tamarisk and Other Invasive Vegetation at Backcountry Seeps, Springs, and Tributaries in Grand Canyon National Park	\$245,500.00
141	05-132	Esperanza Ranch Riparian Restoration Project	\$279,411.50
142	05-133	Verde Wild and Scenic River Fence Enclosure	\$63,888.50
143	05-134	Quechan Indian Nation Yuma East Wetlands Restoration Project – Phase I	\$263,803.25
144	06-135	Double Circle Ranch Riparian Fencing Project	\$88,448.00
145	06-136	The Arboretum at Flagstaff Wetland Habitat Enhancement	\$91,000.00
146	06-137	Pakoon Springs Restoration Design and Implementation Project	\$262,103.00

List of AWPf Projects with Map Key

Map #	Grant #	Project Title	Grant Amount
147	06-138	Management and Control of Tamarisk and Other Invasive Vegetation at Backcountry Seeps, Springs, and Tributaries in Grand Canyon National Park - Second Year of Phase II	\$258,397.00
148	06-139	Coal Mine Fence	\$187,013.00
149	06-140	Yuma Crossing National Heritage Area Yuma East Wetlands Restoration Project - Phase I	\$256,790.00
150	07-141	Picture Canyon Rio de Flag Meander Restoration Project	\$330,225.00
151	07-142	Reduction of Erosion and Sedimentation along the Lower San Pedro River Through Hydrologic Restoration of Modified Ephemeral Washes	\$396,409.00
152	07-143	Little Colorado River & Nutrioso Creek Riparian Enhancement Project	\$198,996.00
153	07-144	Evaluation of Riparian Habitat and Headcutting on Lower Cienega Creek	\$23,972.00
154	07-145	Kaler Ranch Erosion Control Project, Phase II	\$284,332.00
155	07-146	Little Colorado River Project on H-Y Ranch River Property	\$53,000.00
156	07-147	The Effects of Restoration on Wildlife Recovery at the Yuma East Wetlands Restoration Project	\$68,016.00
157	07-148	South Channel Phase II Restoration Project	\$603,487.00
158	07-149	Control of Tamarisk on 12 Miles of the Upper Verde River	\$366,390.00
159	07-150	Fairchild Draw Riparian Restoration Project	\$172,674.00
160	08-151	Test of Riparian Recovery Following Cessation of Groundwater Pumping, Lower San Pedro	\$61,795.000
161	08-152	AWPF Yuma East Wetlands 68-acre Riparian Revegetation	\$746,667.60
162	08-153	The Effects of Restoration on Herpetofaunal and Mammalian Community Recovery	\$156,833.40
163	08-154	Billy Creek Natural Area Riparian Restoration Project	\$248,826.00
164	08-155	Restoration of the Gila River at Apache Grove	\$744,747.00
165	08-156	Cocopah Colorado River Restoration	\$296,708.00
166	08-157	Paria River Exotic Removal Project: Phase I	\$293,960.10
167	08-158	Watson Woods Riparian Preserve Restoration Project	\$798,988.00
168	08-159	Hoxworth Springs Stream Channel restoration Project	\$142,543.20
169	08-160	Atturbury Wash Riparian Stewardship Project	\$390,839.00
170	08-161	Montezuma Well Riparian Pasture Restoration Project	\$296,155.00
171	09-162	Middle Fossil Creek Riparian Habitat Protection and Restoration	\$250,348.00
172	09-163	Double Circle Ranch Erosion Control Project	\$35,356.00
173	09-164	Babocomari River Riparian Protection Project	\$118,125.00
174	09-165	Alpine Ranger District Riparian Improvement	\$372,579.00
175	09-166	Hunter's Hole Riparian and Wetland Restoration Project	\$648,389.00
176	09-167	Tavasci Marsh Wetland Restoration Project	\$374,838.00
177	09-168	Eagle Creek Riparian Restoration at Filleman Crossing *	\$167,233.19
178	09-169	Gila River Water Conservation Education Program	\$148,612.80
179	09-170	Wildbunch Allotment Riparian Restoration *	\$161,260.58
180	09-171	Black Canyon Riparian Restoration Project	\$281,288.00
181	09-172	Sinclair Wash Riparian Enhancement Project	\$309,390.00

* Denotes FY 2009 contracts that have been deferred due to legislative funding sweeps from fiscal years 2009 and 2010.

Appendix B: Financial Statement

ARIZONA WATER PROTECTION FUND
 Combined Statement of Receipts, Expenditures and Fund Balance
 From Inception July 1, 1994 Through 13th Month, 2009
 (000's Omitted)

DRAFT

RECEIPTS:

Transfers In-		
Appropriation From General Fund		
FY 94 through FY 99	21,116	
From Picacho Reservoir Project 3/31/00	1,594	
Transfer from Water Banking ILO GF	2,000	24,710
Investment Income	7,448	
Interstate Water Sales (CAP)	13,807	
Receipts and Donations	10	21,265
TOTAL RECEIPTS		45,975

EXPENDITURES:

ADWR Support	6,495	
ASLD Support	215	
Commission Expenses	72	
Grant Disbursements	28,013	
Transfer Out HB 2001 Sec. 4	2,022	
TOTAL EXPENDITURE		36,817

FUND CASH BALANCE		9,158
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LESS REMAINING GRANT OBLIGATIONS		-7,783
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TOTAL		1,375
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ACCOUNTS

GRANT FUNDS	1,261	
ADMINISTRATION EXPENSES	114	
TOTAL ACCOUNTS		1,375