AZ Sportsmen For Wildlife Conservation GRANT COMPLETION REPORT

Use tab or arrow keys to move between fields and shift-tab to go back Fillable Fields will expand as you type.

Project Title: Open Pipes are Death Traps for Wildlife

Organization: Tucson Audubon

Grant #: (Found on award letter for grants approved beginning in May 2022)

Event/Project Completion Date: 4/1/2024

Project Location (Include info such as event center, hunting unit, etc.): Southeast Arizona

Submitted By: Olya Weekley

E-mail: oweekley@tucsonaudubon.org

Phone #: 520-617-4504

Today's Date: 6/10/2024

AZSFWC Recognition:

AZSFWC Logo and Link to AZSFWC on organization's website? (attach screen print image) Yes No License Plate Image w/link to MVD on organization's website? (attach screen print image) Yes No AZSFWC Logo displayed at event? (attach photo(s)) Yes No (in brochures distributed at the events) AZSFWC recognized in all marketing materials & post event articles? (attach all samples) Yes No List any social media recognition of AZSFWC (include all screen print image)

- Tucson Audubon blog: <u>https://tucsonaudubon.blogspot.com/2023/06/torture-within-hidden-threat-of-death.html</u>
- Friends of Ironwood Forest newsletter: <u>https://drive.google.com/file/d/1zIYCZfhzKvl-sGCfCMD7WpgMb1i43UDD/view</u>
- Copper Courier article: <u>https://coppercourier.com/2024/02/07/desert-fence-busters-pipes/</u>
- Tucson Audubon Vermilion Flycatcher magazine, Spring 2024 issue (print).

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Was there any media or press coverage? (attach copies if available) Yes \boxtimes No \square List any other recognition? n/a
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Summarize Project Accomplishments:

With the help of AZSFWC grant funding, Tucson Audubon successfully expanded Project Death Pipes efforts by conducting on-the-ground work in raising public awareness and organizing workdays to permanently cap open vertical pipes to prevent future wildlife deaths.

Our project accomplishments by goal:

- 1. Educate the public about the danger of open vertical pipes to small wildlife.
 - We printed 1000 educational brochures that are an excellent tool to reach the public during outreach events. The brochures include information about the issue, ways to cap open pipes and a way to report them using an online form. AZSFWC support is recognized in the brochures.
 - We provided educational materials at 11 outreach events:

- Quail Fest
- Sonoita Cowboy Days
- Wings Over Willcox Birding Festival
- Southeast Arizona Birding Festival
- Arizona Bird Conservation Initiative (2)
- Desert Fence Busters Volunteer Events (5)
- We spread the word about the issue via online and print media:
 - Blogpost that was advertised in our social media and email news: <u>https://tucsonaudubon.blogspot.com/2023/06/torture-within-hidden-threat-of-death.html</u>
 - Tucson Audubon *Vermilion Flycatcher* magazine, Spring 2024 issue (print).
 - Friends of Ironwood Forest newsletter: <u>https://drive.google.com/file/d/1zlYCZfhzKvl-sGCfCMD7WpgMb1i43UDD/view</u>
 - Copper Courier article: <u>https://coppercourier.com/2024/02/07/desert-fence-busters-pipes/</u>
 - Coalition for Sonoran Desert Protection monthly report.
- We presented about the issue at the Arizona Bird Conservation Initiative meetings (2) and Desert Fence Busters events (5).
- 2. Locate, document and cap open vertical pipes
 - Our online reporting form collected 667 submissions of open vertical pipes (public reports and targeted area searches).
 - Death Pipe search component was incorporated into existing bird survey efforts.
 - Developed an affordable and durable way to cap the open pipes by creating a tight cardboard plug then topping it with cement to ensure a permanent closure.
 - Reached out to agencies to encourage them to incorporate Death Pipe management into their Best Management Practices (BMP) manuals.
 - Forest Service pledged to incorporate Death Pipes management into their BMPs. FS staff conducted a work day at Sabino Canyon which resulted in 50 pipes capped.
 - Ensured Pima County and City of Tucson provided Death Pipes guidelines in their BMPs. All new fence anchoring pipes on lands managed by these two agencies will be installed already capped.
 - Collaborated with the Desert Fence Busters group to join efforts in their fence removal work days. Now, any time they have volunteer days to remove unnecessary barbed wire, Tucson Audubon staff is available to educate volunteers and permanently cap remaining anchoring pipes.
 - A total of 641 open vertical pipes were capped under this grant:
 - Catalina Regional Park: 142
 - City of Tucson properties (via Desert Fence Busters events): 275
 - Columbus Park: 160
 - Other locations: 64

We are especially proud of our efforts reinvigorating existing external agency efforts as well as inspiring new efforts to tackle this issue through BMP incorporation. While difficult to estimate an exact number, our most conservative estimates show that we prevented the deaths of thousands of small animals like birds, lizards, rodents and snakes in perpetuity.

We are grateful for the generous support of Arizona Sportsmen for Wildlife Conservation in making this project possible.

Measurable Results (Fill in all that are applicable):

Attendees (If project was an event, list total # of participants, excluding staff, visiting parents, etc): Total number of participating volunteers during capping days: 24 (most are repeat attendees across multiple events showing community buy-in). Approximate number of people reached with the messaging: 2000

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

Brochures, Pamphlets, etc. (If the project is a brochure, publication, poster or video, list the total produced and distributed): 1000 Open Pipes educational brochures

Other (please explain):

• 641 open pipes permanently capped

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

NOTE: Budget items include match

Budget Item	Planned	Actual
Educational brochures (printing)	\$100	\$229.54
Capping materials	\$1000	\$452.88
Outreach (driving and time)	\$400	\$400
TA staff time coordinating and guiding work days to cap open pipes	\$1250	\$1500
Creation of outreach articles and presentations	\$250	\$417.58
TOTAL:	\$3000	\$3000

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

Cooperator (no abbreviations)	Amount Contributors

Desert Fence Busters Collaborative (materials, refreshments, staff time)	~\$1000
Tucson Audubon Society volunteer time (valued at \$33.49 national rate)	\$6000
Tucson Audubon Society staff time and travel	\$3500
Forest Service (materials and staff time)	~\$315
Tucson Audubon (materials)	\$33.12
TOTAL	\$10848.12

Photographs

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

Following are a few photo guidelines:

- Please copy photos directly into this document.
- Include information regarding photo credits if needed.

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

Recognition images:

Thank you! This project is made possible by the generous support from Arizona Sportsmen for Wildlife Conservation.

By purchasing this license plate for your vehicle, a portion of the proceeds go to fund on-the-ground conservation projects in Arizona.



Eastern Azure Bluebird image by Lois Manowitz



Tucson Audubon Society 300 E University Blvd. #120 Tucson, AZ 85705 (520) 629-0510

Mason Center 3835 W Hardy Rd. Tucson, AZ 85742 Contact us Annual Reports Form 990s Login Employment



Tucson Audubon works with a wide range of partners in order to achieve shared goals. We honor the hard work of these partner organizations, and are grateful for their collaboration.

Thank you!

Arizona Game and Fish Department: Important Bird Areas program and	National Audubon: Christmas Bird Count and Important Bird Areas program
Arizona Bird Conservation Initiative Arizona Heritage Alliance	North American Bluebird Society
Arizona Land and Water Trust	Pima County Purple Martin Conservation Association
Arizona Native Plant Society	Sabino Canyon Volunteer Naturalists
Arizona Sonora Desert Museum Arizona Sportsmen for Wildlife Conservation	Santa Cruz County
Arizona State Parks	Sky Island Alliance Sonoran Institute
Army Corps of Engineers	Sonoran Joint Venture

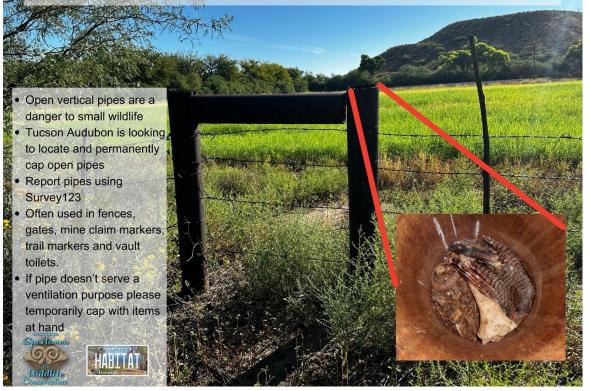
Taking Action:

This year, we are proud to announce that we have received a grant from Arizona Sportsmen for Wildlife Conservation to raise public awareness about this issue and take concrete steps to address it in Southeast Arizona. However, we cannot achieve our mission without your assistance. If you encounter an open vertical pipe, please report it through our website using the form at

tucsonaudubon.org/deathpipes. We ask for a few details about the pipe's location and dimensions and a photo if possible. We also kindly ask that you temporarily cap the pipe with readily available objects until we can arrive to permanently address the issue.



Tucson Audubon's Death Pipes Project



ventilation or irrigations, specialized screens and caps are available on the market.

Death pipes are an easily overlooked but important threat to tackle. By increasing awareness, actively locating and capping death pipes, we can prevent these unnecessary deaths for years to come. With the support of organizations like Arizona Sportsmen for Wildlife Conservation and individuals like you, we can make a difference!

More information can be found here: https://tucsonaudubon.org/deathpipes

Olya Weekley, Applied Conservation Project Manager, Tucson Audubon.

oweekley@tucsonaudubon.org

FIF Partners

Alliance of Arizona Nonprofits Archaeology Southwest Arizona Desert Big Horn Sheep Society Arizona Game and Fish Department Arizona Native Plant Society Arizona Wildlife Federation Bureau of Land Management Center for Biological Diversity City of Tucson Coalition for Sonoran Desert Protection Conservation Lands Foundation Dove Mountain Hiking Club Friends of Buenos Aires Nat. Wildlife Refuge Historic Y **MET** Foundation Mule Deer Foundation National Park Service, Saguaro NP National Parks Conservation Assn.

Volunteer days:



Figure 1 Animals found inside one of the pipes during a volunteer capping day in Avra Valley.



Figure 2 Volunteer day with Desert Fence Busters. Photo by Olya Weekley



Figure 3 Volunteer capping day with Desert Fence Busters. Photo by Olya Weekley



Figure 4 Volunteer capping day at Catalina Regional Park. Photo by Olya Weekley.



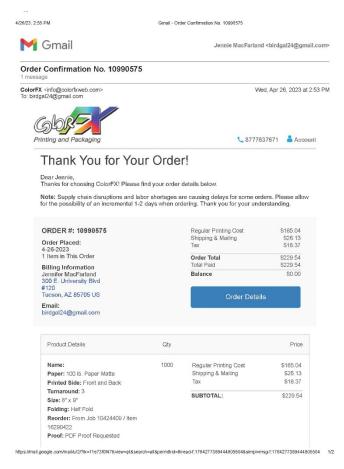
Figure 5 Kathy and Mike Ellwood capping pipes Desert Fence Busters event 2024

Receipts:

mazon.com	Amszon.com - Order 111-3812044-7523414	
	r #111-3612044-7523414 page for your records.	
Order Placed: January 11, 2024 Amazon.com order number: 111-36120 Order Total: \$60.46	44-7523414	
No	t Yet Shipped	
Items Ordered 1 of: Chain Link Fence 2 1/2" (2 3/8" OD) Aluminum Caps Chain Link Caps (Pack Sold by: DF Supple (sellar teofia) Supple by: Other	Round Dome External Post Caps Die Cast of 12)	Price \$23.99
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Condition: New		
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Shipping Speed: Economy Shipping		
Paym	ent information	
Payment Method: Mastercard ending in 7325	Item(s) Subtotal: Shipping & Handling:	\$0.00
Billing address Olya Phillips (Tucson Audubon) 300 E UNIVERSITY BLVD STE 120	Total before tax: Estimated tax to be collected:	

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