

**ARIZONA GAME AND FISH DEPARTMENT  
HABITAT PARTNERSHIP COMMITTEE  
HABITAT ENHANCEMENT AND WILDLIFE MANAGEMENT PROPOSAL**

Game Branch / HPC Project Number:	15-105
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**PROJECT INFORMATION**

<b>Project Title:</b> Alpine Guzzler/Trick Tank Replacement and Repair	
<b>Region and Game Management Unit:</b> Region 1, GMU 1 and 27	
<b>Local Habitat Partnership Committee (LHPC):</b> • Springerville/Alpine HPC	<b>Was the project presented to the LHPC?</b> YES[] NO[X]
<b>Has this project been submitted in previous years?</b> YES[X] NO[] <b>If Yes, was it funded?</b> YES[] NO[X] → <b>Funded HPC Project #(s):</b>	
<b>Project Type:</b> Wildlife Water Development	
<b>Brief Project Summary:</b> There is a need to replace/repair damaged guzzlers/trick tanks that provide a water source for wildlife and to increase their holding capacity. There is also a need to rebuild perimeter fences excluding livestock from the developments and remove hazardous trees. All are located on the Alpine Ranger District of the Apache-Sitgreaves National Forests, thus it was decided to combine all into one project proposal.	
<b>Big Game Wildlife Species to Benefit (% benefit per species) :</b> Elk (60%); Mule Deer (20%); Bighorn Sheep (10%); Pronghorn (10%)	

<b>Implementation Schedule</b> (Month/Day/Year):  <u>Project Start Date:</u> Spring 2016  <u>Project End Date:</u> Fall 2016	<b>Environmental Compliance:</b> NEPA Completed: Yes[] No[] N/A[X] Projected Completion Date: _____  State Historic Preservation Office - Archaeological Clearance: (Provide Attachment) Yes[] No[X] N/A[] Projected Completion Date: <u>1 day of time, if awarded completion Fall/Winter 2016</u> Arizona Game and Fish Department EA Checklist: N/A[] To be Completed by: _____ Projected Completion Date: _____
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**PROJECT FUNDING**

<b>Special Big Game License Tag Funds Requested:</b>	\$ 21,400
<b>Cost Share or Matching Funds:</b>	\$ 36,362
<b>Total Project Costs:</b>	\$ 57,762

**PARTICIPANT INFORMATION**

<b>Applicant</b> (please print): Loren LeSueur	<b>Address:</b> P.O. Box 469 Alpine, AZ 85920	<b>E-mail:</b> llesueur@fs.fed.us
<b>Telephone:</b> 928-339-5070		<b>Date:</b> 8/27/2015

**AGFD Contact and Phone No.** (If applicant is not AGFD personnel):  
Aaron Hartzell, Wildlife Manager III North Unit27, 928-358-0842

**Project has been coordinated with:** Aaron Hartzell, AZGFD

**NEED STATEMENT – PROBLEM ANALYSIS:** The Forests have partnered with Arizona Game and Fish Department to construct Wildlife Guzzlers that supply water for wildlife. These were typically constructed in areas that were lacking in natural water, or in areas to pull wildlife away from sensitive areas. Several guzzlers/trick tanks were compromised by the 2011 Wallow Fire and need either replacement or repair. One fiberglass guzzler needs replacement due to aging.

**PROJECT OBJECTIVES:**

Replace Isabelle and FR184 fiberglass guzzlers. The dome on Isabelle is extremely brittle and has several cracks. The dome on the FR184 guzzler disintegrated completely and the pieces have since been removed. These two guzzlers will allow wildlife to have additional areas to access water.

Replace the metal apron on Riggs Creek which was burned over in the Wallow Fire and is now rusted out in places. The gutter also needs replacement.

Replace the metal apron on Snake Creek #2 which has rusted through in several places and is buckled. The gutter also needs replacement.

All locations need trees, capable of coming down on fences and guzzlers, removed and fences need replaced/repared. These perimeter fences exclude livestock ensuring the water is used solely by wildlife.

**PROJECT DESCRIPTION AND STRATEGIES:**

Crews will cut up fiberglass into manageable pieces, remove and haul away materials. Corrugated tin from aprons will be hauled away and the ground leveled underneath.

Heavy equipment will haul in replacement 5000 gallon fiberglass ring tanks (using existing roads), deepen the existing holes, and place the tanks. Troughs/drinkers will then be plumbed to the tanks.

Crews will haul in corrugated tin, or 26 guage “R” panel roofing, and attach to the frame.

These are existing sites therefore no NEPA is required. However, an Inventory Standards and Accounting form will be completed by forest archaeologists.

**PROJECT LOCATION**

Isabelle Guzzler (#76): UTM 12N 670698E, 3733662N

FR 184 Guzzler (#68): UTM 12N 655987E, 3715470N

RiggsCreek Guzzler (#41): UTM 12N 659266E, 3760336N

SnakeCreek #2 Guzzler (#44): UTM 12N 639862E, 3723070N

Alpine Ranger District, Apache-Sitgreaves National Forests

**LAND OWNERSHIP AT THE PROJECT SITE(S):**

(If the project area is private property, please state specifically and provide the landowner’s name)

- US Forest Service

*IF PRIVATE PROPERTY, IS THERE A COOPERATIVE BIG GAME STEWARDSHIP or LANDOWNER AGREEMENT BETWEEN THE LANDOWNER AND THE DEPARTMENT?*

YES[] NO[] N/A[X]

**HABITAT DESCRIPTION:** All locations are in Ponderosa pine habitats. The area around the Riggs Creek guzzler was severely burned in the Wallow Fire, with no survival of trees. The other locations were moderately burned with about 70% of the trees still alive.

**ITEMIZED USE OF FUNDS:**

Special Big Game License Tag Funds

<i>Materials</i>		<i>Equipment Rental</i>	
Tanks:	\$15,500	Bobcat	\$ 1,000
Troughs:	\$ 1,000	Dump Truck	\$ 400
Plumbing:	\$ 1,000	<i>Total</i>	<i>\$ 1,400</i>
26 gauge "R" roof panels	\$ 1,000		
Fencing material	\$ 2,000		
<i>Total:</i>	<i>\$20,000</i>	<b>Complete Total</b>	<b>\$21,400</b>

Cost Share or Matching Funds (for volunteer labor rates please refer to the worksheet below)

Old material removal (1 day/site x 2 sites) = \$ 2,460 (6 GS-5, 1 GS-7, 1 GS-11)

One week structure installation x 4 sites = \$14,880 (6 crew @15.5/hr.)

One week fence installation x 4 sites = \$14,880 (6 crew @15.5/hr.)

Hazard tree removal x 4 sites = \$ 1,000

Archeological clearance 8 days (2 days/site) = \$ 1,984 (\$30/hr.)

Transport Operator @2 days = \$ 758

Low boy trailer 1 day/site x 2 days = \$400 (\$25/hr.)

**Total \$36,362**

**LIST COOPERATORS AND DESCRIBE POTENTIAL PARTICIPATION:**

Apache-Sitgreaves National Forests: Provide Cost-Share through employee salaries.

Arizona Game and Fish Department: Provide logistical help, and coordination.

**WOULD IMPLEMENTATION OF THIS PROJECT ASSIST IN PROVIDING, MAINTAINING, OR FACILITATING RECREATIONAL ACCESS?**

YES[] NO[X] N/A[]

**PROJECT MONITORING PLAN:** Guzzlers are checked periodically in a rotation through guzzlers located on the Alpine Ranger District by Wildlife personnel. Each guzzler typically receives inspection every 2-3 years. These visits are photo documented as to condition of the guzzler and stored on the FS network for reference.

**PROJECT MAINTENANCE:** Guzzlers identified in non-functional condition receive periodic maintenance based on need. The Alpine RD Wildlife program will provide maintenance as funds and time allow.

**PROJECT COMPLETION REPORT TO BE FILED BY:**

Loren LeSueur

**WATER DEVELOPMENT PROJECTS (please use the worksheet below):**

**ATTACHMENTS:** See pages 6-10

## **ARIZONA GAME AND FISH DEPARTMENT WATER DEVELOPMENT WORKSHEET**

**PROJECT TITLE:** Alpine Guzzler/Trick Tank Replacement and Repair

- 1) **Is the water development listed as a priority in the most recent “Wildlife Water Development Annual Implementation Schedule?”** No.
- 2) **Please list the Development Branch personnel and date coordinated with for this project.**  
none
- 3) **What is the estimated annual inches of precipitation for the area? (mark one)**  
2-4 4-6 6-8 8-10 10-12 12-14 14-16 >16
- 4) **Is there a perennial water source available to big game within four miles of this project?**

YES (please complete #5 below) NO (skip #5 below)

- 5) **For the accessible, perennial water source nearest this project:**  
Name of water source: Campbell Blue Creek; KP Creek; Black River.  
Type of water source (catchment, spring, dirt tank):  
Ownership of water source: USFS  
Distance in miles from project: from ¼ to 2 miles
- 6) **Is the target wildlife species a result of transplant efforts?** YES NO
- 7) **Please list any special land management status for the project site (i.e. Wilderness, National Park, National Monument). If private land, list landowner.** None.
- 8) **Please provide the following information about access to the proposed site:**  
Type of access (mark one): 2x4 vehicles 4x4 only foot only\*\*

\*\*If foot access only: Distance in miles: \_\_\_\_\_ Approximate hiking time: \_\_\_\_\_

-- Does access to this site require crossing private or tribal lands? YES NO

-- Please describe any restrictions to public access:

- 9) **Please list below (or on a separate sheet) the material type and dimensions of each component proposed to be added, modified, or repaired.**

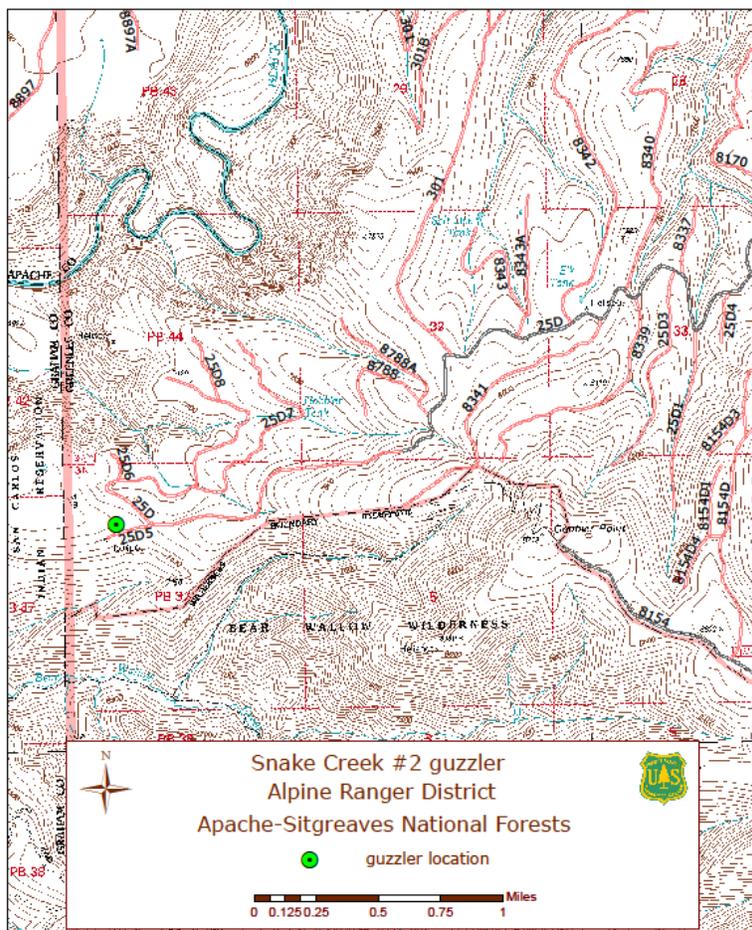
- 10) **Was a site visit completed?** Yes No

If Yes, please list personnel that attended and date.

Alpine district wildlife crew      summers of 2011, 2012, 2013, 2014 and 2015

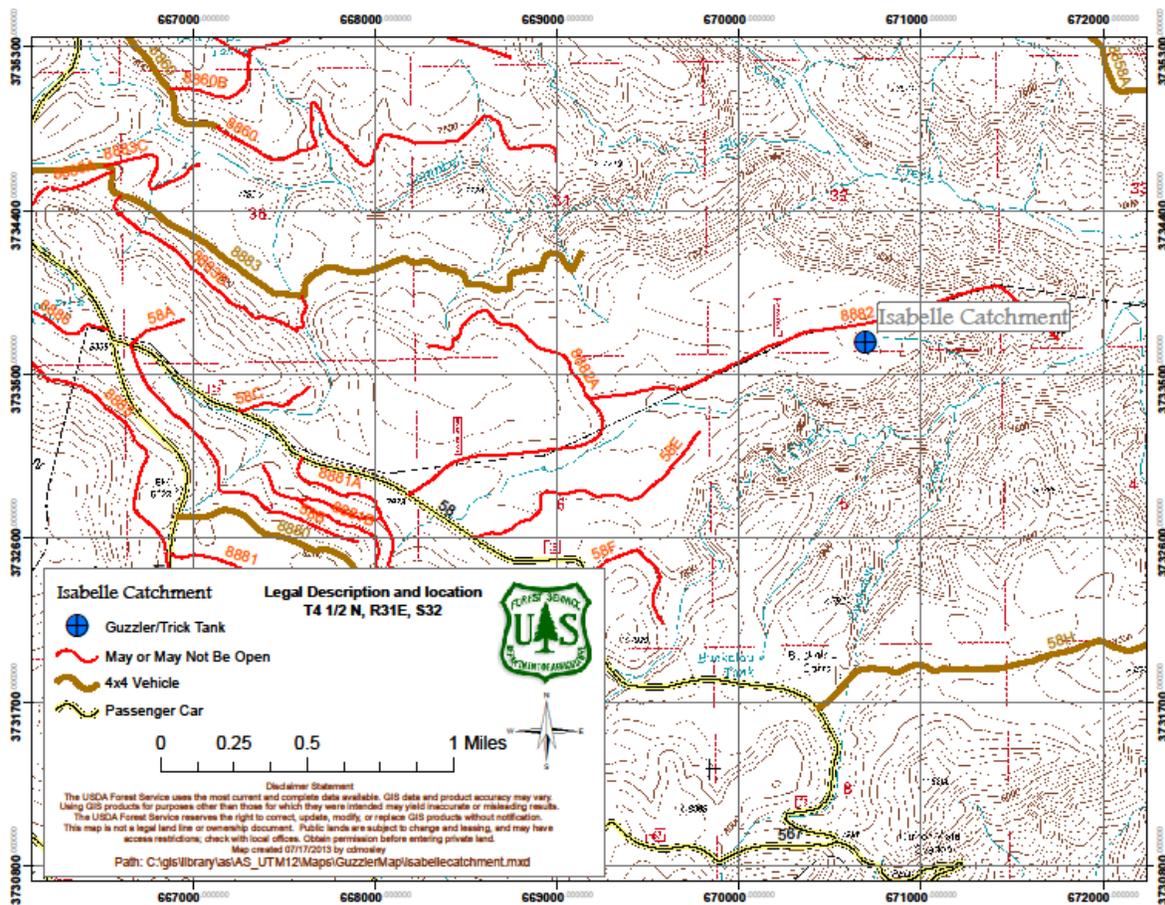


Snake Creek #2



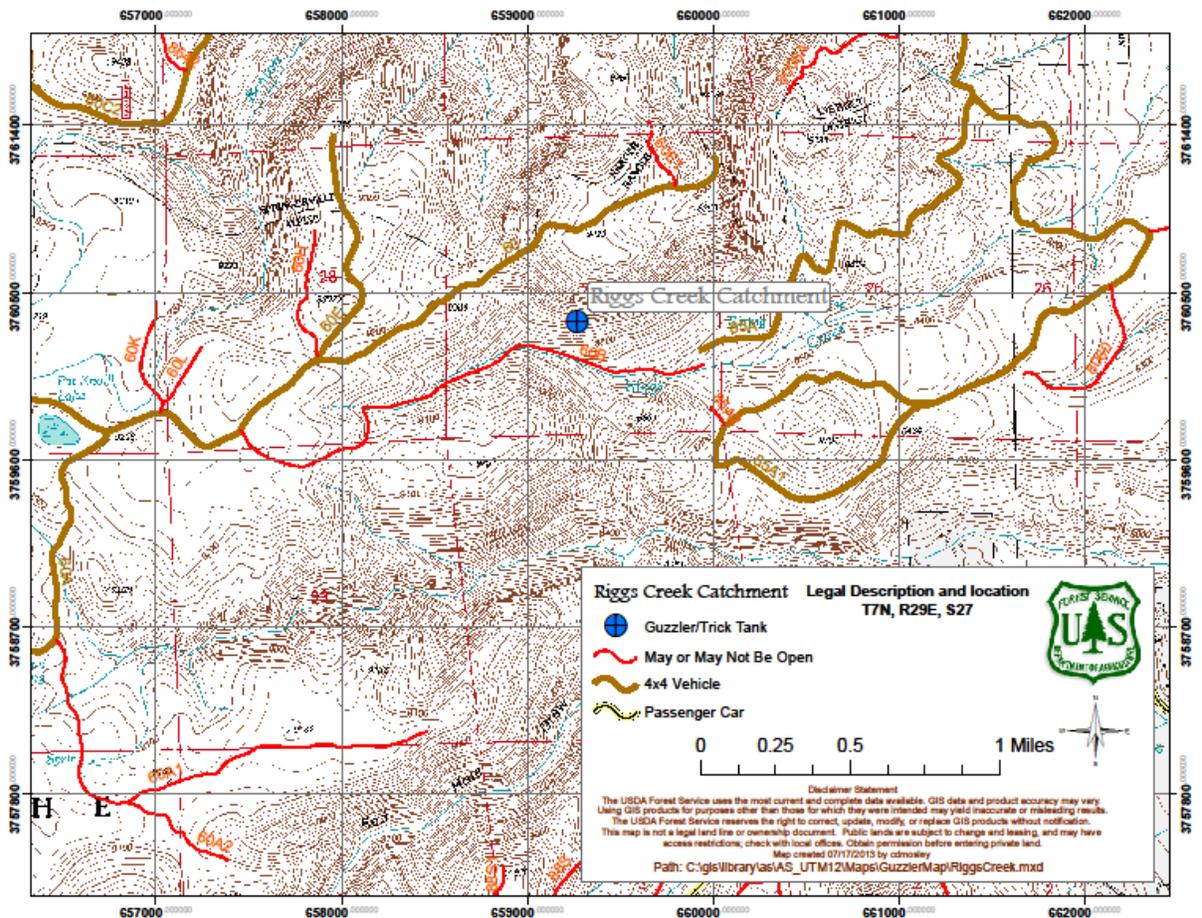


Isabelle



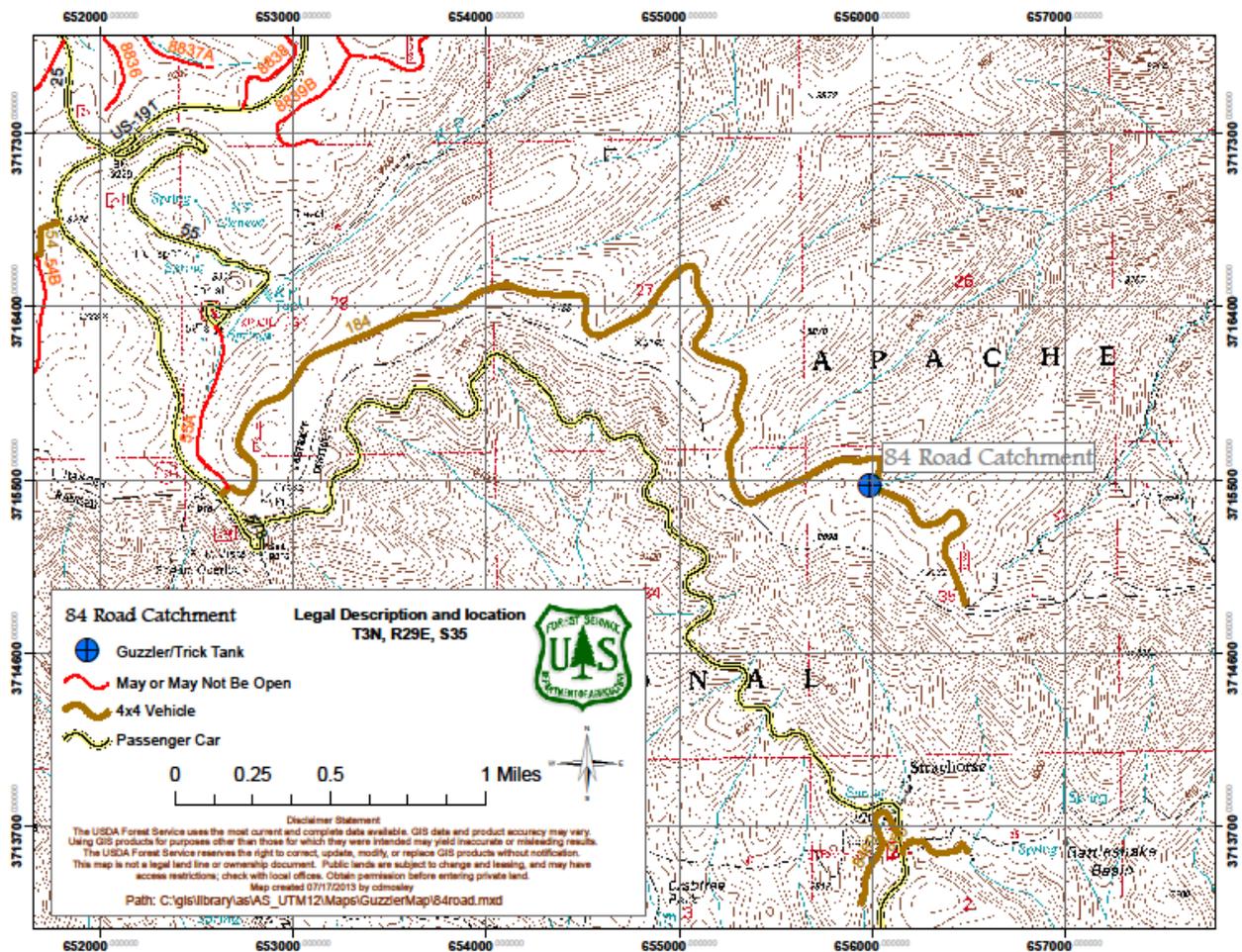


Riggs Creek





FR184





## **ARIZONA GAME AND FISH DEPARTMENT**

# **VOLUNTEER HOURLY RATES AND CLASSIFICATIONS WORKSHEET**

**PROJECT TITLE:** \_\_\_\_\_

The value of volunteer labor should be calculated at the hourly rate of an employee doing similar work, or using hourly rates from the Arizona Department of Administration's Human Resource web site, plus a standard ERE rate of 35%. [http://www.hr.state.az.us/ClassComp/CC\\_Job\\_Titles\\_with\\_Ranges.asp](http://www.hr.state.az.us/ClassComp/CC_Job_Titles_with_Ranges.asp)

\$0.445/mile should be the calculation used for mileage.

<b>Water Development</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Habitat Restoration and Clean Up</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Fisheries</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Nongame Branch Project</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Misc/office work</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			varies	
<b>Community Services</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$7.44	
<b>Events and Other</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Research Branch</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$14.14	
<b>Wildlife Area Hosts</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$17.44	
<b>Education Programs</b>	<b>Volunteer Hours</b>	<b>Volunteer Miles</b>	<b>Hourly Rate</b>	<b>Estimated Value</b>
			\$16.07	
<b>Totals</b>				