

Dream Tags Charitable Fund
 Carson River Canyon, Rifle Range Fire Restoration Project 2019-20

Organization Name: Carson City		Office Use Only		
Organization Type: 501(c)(3) EIN# _____ Governmental entity? <input checked="" type="radio"/> Y <input type="radio"/> N		Date received:		
Address: 3303 Butti Way, Building #9, Carson City, Nevada 89701		Project #		
Project Name: Carson River Canyon, Rifle Range Fire Restoration Project Is this proposal being submitted as an Emergency funding request? (Circle one) Yes / <input checked="" type="radio"/> No		Grant Amount:		
Amount requested: \$29,486.25		Website: www.carson.org		
Project start date (mm/yyyy): March 2019		Projected completion date (mm/yyyy): December 2020		
This funding will be used to support revegetation efforts, including Plateau herbicide application and aerial seeding of the burned area in Carson River Canyon.				
Key People:	Director:	Jennifer Budge, CPRP, Parks, Recreation & Open Space Director		
	Board Chair:	Bruce Scott, Open Space Advisory Committee Chair		
	Project Contact:	Name:	Lyndsey Boyer	
		Position:	Senior Natural Resource Specialist	
		Phone:	(775) 283-7341	
		Fax:	(775)887-2145	
Email:		boyer@carson.org		
Organization Mission: The Carson City Open Space Program works to acquire, interpret, preserve and enhance the natural landscape, agriculture, and cultural resources while balancing the needs of the public's opportunities for passive recreation.				
Project is on (check all that apply) <input checked="" type="checkbox"/> Public <input type="checkbox"/> Private land .				
Are government permits or decision documents needed for the project? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If so, are those permits and decision documents already secured? <input type="checkbox"/> Yes <input type="checkbox"/> No If permits and decision documents are needed but not yet secured, in #4 of the Narrative Requirements provide a list of permits and documents needed and a schedule for securing them. N/A				
Has your organization received other grants from the Dream Tags Fund? Yes <input checked="" type="radio"/> No (use additional pages to list ALL funded projects)	If yes,			
	Date awarded:			
	Project # & title:			
	Amount of Award:			
	Date awarded:			
	Project # & title:			
Amount of Award:				

DESCRIPTION OF PROJECT UNDER CONSIDERATION

Indicate the description that best fits the project you are proposing. Mark no more than three categories:

- A. Projects that improve, protect, or restore habitat
- B. Projects that embrace unique opportunities for advancing the mission of wildlife conservation in Nevada
- C. Projects that address emergent needs
- D. Other projects that meet the evaluation criteria

NARRATIVE REQUIREMENTS

1. **Specific project goals and measurable outcomes.**
The goal of this project is to restore the area burned in Carson River Canyon Open Space in order to prevent establishment of invasive annual grasses, such as cheatgrass and noxious weed species that would outcompete critical native vegetation as well as contribute a fine fuel source to feed future wildfires. By preventing establishment of noxious and invasive plants, and seeding with native species, critical wildlife habitat will be maintained. Additionally, by seeding this burned area soil erosion and sediment load entering the Carson River will be reduced, helping to maintain water quality.

2. **Project location.**
The project site is located in Carson River Canyon Open Space, located on the east side of Carson City, Nevada, approximately 2.4 miles into Carson River Canyon along Brunswick Canyon Road. Latitude/longitude: 39.185821, -119.670123; Township/Range: S7 T15N R21E. This property is owned by Carson City and managed by the Open Space Division. Aerial maps and photos are attached (see pages 7-10).

3. **Project description.**
In August 2018, the Rifle Range Fire burned an approximate total of 217.85 acres in Carson River Canyon Open Space. The fire originally started in the Carson City Rifle and Pistol Range, an adjacent Carson City-owned property, and spread into nearby Carson River Canyon. This area functions as an important wildlife habitat area, both for aquatic and terrestrial species, including mule deer, marmot, kit fox, muskrat, waterfowl and the western pond turtle. Additionally, this property is given a Nevada Crucial Habitat Assessment Tool (NVCHAT) ranking of 1, the highest ranking possible based on wetland/riparian habitat present and species of concern. Lastly, this area has been designated as important riparian and wetland habitat by the National Wetlands Inventory, completed by the U.S. Fish and Wildlife Service.

This funding will be used to support revegetation efforts, including Plateau herbicide application and aerial seeding (due to topography) of the burned area in Carson River Canyon in 2019-2020. In the spring, the City plans to apply Plateau herbicide to 15-20 acres in Carson River Canyon, as well as 5-10 acres in the Carson City Rifle and Pistol Range in order to prevent establishment of invasive annual grasses and forbs. Next, in the late fall of 2019 aerial seeding of the site will be completed. Pre and post monitoring will be completed to measure project success. This funding will complement other efforts completed in fall 2018 in which 5 acres of easily accessible terrain were hand seeded by staff.

4. **Permitting**
No permitting is required as the project area is located on Carson City owned property managed by the Open Space Division.

5. **If future phases of the project will be needed, identify anticipated sources of funding.**
Currently, there are no future phases of restoration activities anticipated for the Carson River Canyon Rifle Range Fire Restoration Project. All restoration activities will be completed under the scope of this grant timeline.

Dream Tags Charitable Fund

Carson River Canyon, Rifle Range Fire Restoration Project 2019-20

6. **Principals involved** in leading or coordinating the project or activity.
Lyndsey Boyer, Senior Natural Resource Specialist, Carson City Parks, Recreation & Open Space
Jared Whitaker, Open Space Maintenance Coordinator, Carson City Parks, Recreation & Open Space
7. **Number of staff positions involved** in project: Fulltime _____ Part-time 2
The Senior Natural Resource Specialist will be the staff member dedicated to facilitating the purchase of seed and supervising the Plateau treatment and subsequent aerial seeding efforts. The Open Space Maintenance Coordinator will be the staff member dedicated to completing the Plateau herbicide application in both Carson River Canyon and the Carson City Rifle and Pistol Range. Both of these positions are considered "part-time" for the purposes of this grant as only a portion of their time will be dedicated to this project. No salary money is being requested through this Dream Tags Charitable Fund application as Carson City Open Space salaries are generated by other sources.
8. **Number of volunteers involved** in project and an estimated number of volunteer hours.
No volunteers are anticipated to help with the completion of this project.
9. **Timeline of Project.**

Approximate Project Timeline	
March 2019	Treatment. Apply Plateau herbicide to inhibit invasive annual growth.
March – April 2019	Monitoring and data collection. Install and evaluate 5-10 transects and photo point monitoring locations to establish a baseline.
November 2019 - January 2020	Treatment. Complete aerial seeding.
May - June 2020	Monitoring and data collection. Re-evaluate 5-10 transects and photo point monitoring locations to identify re-seeding success.
July – September 2010	Evaluate, compile and analyze data collected; identify project success rates.
October - December 2020	Report writing and grant close-out.

10. **Success.**
Through this project, Carson City anticipates a reduction in invasive weed establishment and the reestablishment of native and desirable vegetation suitable for wildlife habitat. Per NRCS guidelines, specific measurements of success include:
 - A minimum of three seeded perennial grasses per square meter along established transects rooted firmly in the soil;
 - A target density of 0.5-3.0 seeded plants/ft² along established transects;
 - Seedlings show high plant vigor evaluated by the number of seedlings reaching the three-leaf stage (or beyond); and
 - A qualitative assessment of invasive annual plant establishment using repeat photo point monitoring and species richness data.
11. **Grant match.**
Matching funds for this project will be provided by the Carson City Quality of Life Initiative, which funds the Carson City Open Space Program. These funds will pay for 25% of the seeding materials, Plateau herbicide and aerial seeding treatment costs. In-kind match will be generated by the time the Open Space Maintenance Coordinator spends applying the Plateau treatment. See following table and budget on page 6.
12. **Project budget.** (see page 6)

Dream Tags Charitable Fund
 Carson River Canyon, Rifle Range Fire Restoration Project 2019-20

Grant Match					
Match amount to be provided:	\$12,887.95				
Match details:	Please provide the form of your matching funds. If match is made up of both cash and in-kind, fill in both sections. Match is: <table border="1"> <tr> <td>Cash</td> <td>\$9,828.75</td> </tr> <tr> <td>In-kind</td> <td>\$3,059.20</td> </tr> </table> Note: Provide an itemized breakdown of volunteer match in your budget with rationale. For the cash portion of your match, is the funding already being held by the applicant for this project? Yes <u>X</u> No ___	Cash	\$9,828.75	In-kind	\$3,059.20
Cash	\$9,828.75				
In-kind	\$3,059.20				
Description of matching funds/in-kind donations:	Matching funds will be provided by Carson City Quality of Life Initiative funds as cash match, as well as in-kind match through staff time spent completing Plateau treatments.				

REQUIRED ATTACHMENTS

Submit the following attachments via email. Clearly label each file with your organization's name.

Nonprofits submit:

- Last audited financial statements if your organization has been audited
- List of Board of Directors
- Copy of agency's IRS 501(c)(3) Tax Determination Letter
- Copy of the agency's most recent IRS Form 990

Governmental entities submit:

- Departmental budget in lieu of audited financial statements

Dream Tags Charitable Fund
 Carson River Canyon, Rifle Range Fire Restoration Project 2019-20

<i>Carson River Canyon, Rifle Range Fire Restoration - Budget</i>				
Budget Item Description	TOTAL	Dream Tags (75%)	Carson City Open Space Cash Match (25%)	Carson City Open Space In-Kind Match
Materials				
Comstock Seed - seed (native grass and forb blend)	\$37,455.00	\$28,091.25	\$9,363.75	
Plateau Herbicide, \$140/gallon; (2 gallon covers 42 acres at 6 oz/acre)	\$280.00	\$210.00	\$70.00	
Labor - paid				
El Aero Services, LLC (to complete re-seeding via helicopter)	\$1,580.00	\$1,185.00	\$395.00	
Treatment				
Herbicide Application, Open Space Maintenance Coordinator (rate \$38.24 for 80 hours)				\$3,059.20
TOTAL	\$39,315.00	\$29,486.25	\$9,828.75	\$3,059.20

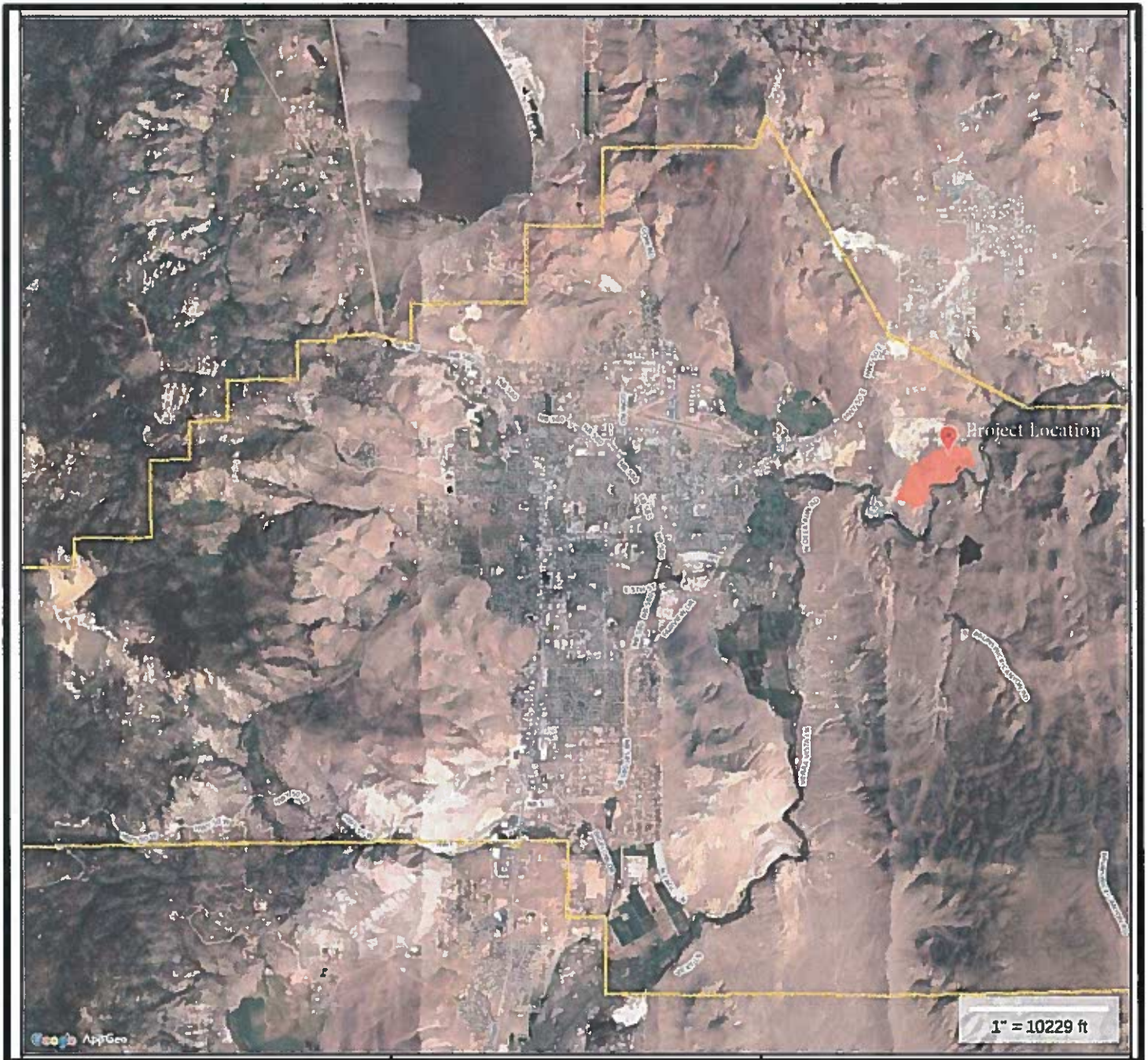


Figure 1. Project area map highlighting the project location within Carson City.

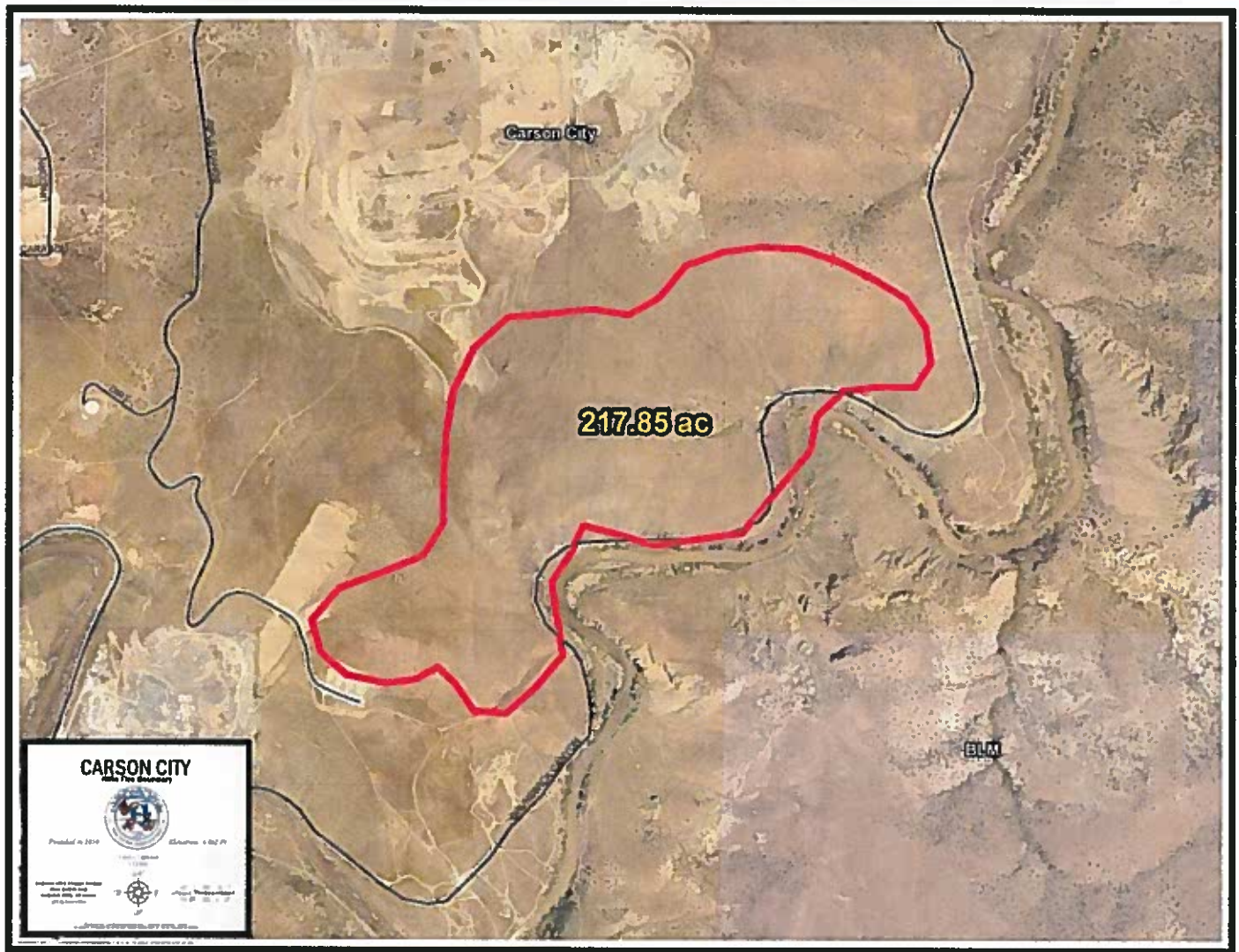


Figure 2. The red line above illustrates the project area and the Rifle Range Fire boundary.



Photograph 1. Carson River Canyon, Rifle Range Fire site - September 2018.



Photograph 2. Carson River Canyon, Rifle Range Fire site - September 2018.



Photograph 3. Carson River Canyon, Rifle Range Fire site - September 2018.



Photograph 4. Carson River Canyon, Rifle Range Fire site - September 2018.



River Wranglers

Thursday January 31, 2019

P.O. Box 1612
Dayton, NV 89403

Community Foundation of Western Nevada
Dream Tags Charitable Grant Fund
Attn: Lauren Renda
50 Washington Street
Reno, NV 89503

Subject: Support Letter for Carson City's grant application to the Community Foundation of Western Nevada's Dream Tags Charitable Fund Grant

Dear Ms. Renda and the Community Foundation Board of Trustees:

River Wranglers offers our support for Carson City's grant application to the Community Foundation of Western Nevada's Dream Tag Charitable Fund grant to help fund the restoration of 220 acres in Carson River Canyon Open Space that burned in 2018 as a result of the Rifle Range Fire.

Benefits of conducting restoration activities in Carson River Canyon by Carson City Open Space:

- **Rehabilitation of critical wildlife habitat utilized by numerous native aquatic and terrestrial species, including mule deer, marmot, kit fox, muskrat, waterfowl, and the western pond turtle;**
- **Prevent establishment of invasive annual plant species that will provide a fine fuel source for future wildfires;**
- **Prevent establishment of noxious weed plant species that will outcompete native vegetation and contribute a seed source downstream; and**
- **Help improve water quality in the Carson River and impacts to downstream communities by reducing erosion and sediment load entering the Carson River.**

River Wranglers supports funding post-fire restoration activities in Carson River Canyon Open Space in order to protect the health of the Carson River and other communities in the Watershed below Carson City.

Sincerely,

Darcy Phillips, Executive Director, River Wranglers

Quality of Life Fund – used to account for the 0.25% sales tax override for the Question 18, Quality of Life Initiative

Quality of Life Fund FY 2019 Budget		20% Park Maintenance	40% Park Capital	40% Open Space	Fund Total
Revenues					
Beginning Balance		\$ 93,870	\$ 126,725	\$ 74,079	\$ 294,674
Sales Tax Revenue		583,379	1,166,759	1,166,759	2,916,897
Interest Income		2,000	4,000	4,000	10,000
	Total	\$ 679,249	\$ 1,297,484	\$1,244,838	\$ 3,221,571
Expenses					
Salaries, Wages and Benefits		\$ 136,582	\$ 14,763	\$ 497,517	\$ 648,862
Services and Supplies		153,419	53,421	230,070	436,910
Land Acquisition				512,250	512,250
Undesignated Projects		108,979	467,959		576,938
Boys & Girls Club		120,000			120,000
Transfer Out - General Fund (Pool)		80,336			80,336
Transfer Out - General Fund (mac)		50,000			50,000
Transfer Out - Debt Service			641,788		641,788
	Total	\$ 649,316	\$ 1,177,931	\$1,239,837	\$ 3,067,084
Ending Balance - June 30, 2019		\$ 29,933	\$ 119,553	\$ 5,001	\$ 154,487



CARSON CITY, NEVADA
CONSOLIDATED MUNICIPALITY AND STATE CAPITOL

February 4, 2019

Community Foundation of Western Nevada
Dream Tags Charitable Grant Fund
Attn: Lauren Renda
50 Washington Street
Reno, NV 89503

RE: Carson River Canyon, Rifle Range Fire Restoration Project

Dear Ms. Renda and the Community Foundation Board of Trustees,

Please find enclosed a grant application to the Community Foundation of Western Nevada's Dream Tags Charitable Fund Grant to help fund the restoration of approximately 220 acres in Carson River Canyon Open Space that burned in August 2018 as a result of the Rifle Range Fire. This funding request for \$29,486.25 will allow Carson City to complete herbicide treatments and native plant seeding in the burned area.

Completing post-fire restoration activities in Carson River Canyon is critically important to maintaining important wildlife habitat utilized by numerous native aquatic and terrestrial species, including mule deer, kit fox and the western pond turtle. Additionally, post fire restoration is necessary in preventing the establishment of invasive and noxious plant species that will outcompete important native vegetation and increase our risk of wildfires in the future. Lastly, reseeding this burned site will help to improve water quality by reducing erosion and sediment load entering the Carson River.

Please accept this funding request on behalf of the Carson City. Attached you will find information regarding the application for funding. If you have any questions regarding this application please contact Lyndsey Boyer, Senior Natural Resource Specialist, at (775) 283-7341 or LBoyer@carson.org.

Sincerely,

Nancy Paulson
Carson City Manager



