

1586 - Rafter 7 Multi-use River Trail

Application Details

Funding Opportunity: 1001- Motorized & Diverse Projects - Recreational Trails Program 2022 Grants
Funding Opportunity Due Date: Nov 2, 2021 12:00 AM
Program Area: Recreational Trails Program
Status: Under Review
Stage: Final Application

Initial Submit Date: Nov 1, 2021 4:15 PM
Initially Submitted By: Andrew Porter
Last Submit Date:
Last Submitted By:

Contact Information

Primary Contact Information

Active User*: Yes
Type: External User
Name: Mr. Andrew Nathan Porter
Salutation First Name Middle Name Last Name
Title: Conservation Staff Specialist
Email*: aporter@parks.nv.gov
Address*: Walker River State Recreation Area
211 E. Walker Rd.

Yerington Nevada 89447
City State/Province Postal Code/Zip
Phone*: (775) 463-1609 3814
Phone Ext.
##-####

Fax: ###-###-####

Comments:

Organization Information

Status*: Approved
Name*: Nevada Division of State Parks - Walker River State Recreation Area
Organization Type*: State Government
Tax Id: 88-6000022
Organization Website:
Address*: 92 E Walker Rd. Unit 3

Yerington Nevada 89447-
City State/Province Postal Code/Zip

Phone*: (775) 224-1780 Ext.

###-###-####

Fax: ###-###-####

Benefactor:

Vendor ID:

Comments:

RTP Pre-Application - MOTORIZED & DIVERSE

Project Description

Classification*: Government
Please choose one.

Government Classification: State
Please choose one.

**Grant Manager/
Primary Point-of-Contact
(if grant is awarded)*:** Andrew Porter
First Name Last Name

Title*: Conservation Staff Specialist
Email Address*: aporter@parks.nv.gov
Telephone*: 775-463-1609
Address*: Walker River State Recreation Area
Address Line 1
211 E. Walker Rd.
Address Line 2
Yerington Nevada 89447-
City State Zip Code

Land Owner*: State of Nevada

Classification of Land Control*: Public Land
Select all that apply.

Project Costs
Please do not submit match not directly related to the project.

Grant Request*: \$160,000.00

Match Amount*: \$40,000.00
(20% of total amount for diverse& education projects; 5% for moto)

Total Project Amount: \$200,000.00

Match Sources*: In-Kind,Other,Pre-Project Planning

Please Describe Source(s)*:

Match will be met primarily from direct labor provided by State Parks personnel through equipment operation, Russian olive removal, herbicide treatment, plant materials collection/propagation, re-vegetation, trail construction, and sign installation.

Project Category(s)*: Non-motorized for diverse use
Select all that apply.

Trail Use*: Equestrian, Interpretation/maps/brochures, Mountain Biking, Other, Pedestrian (hiking/trail)
Select all that apply.

If Other, Please List: Kayak & Personal Watercraft, Adaptive cycling and paddling

Project Type*: Construction of new trails, Other
Select all that apply.

If Other, Please List: Construction of natural-surface watercraft launches. Design and installation of trail signage.

Scope of Work
Describe exactly what work will be completed, include miles of trail or other measurable goals. Please be specific to the actual project being built.

Scope of Work*:

This project will enhance and develop a 6 mile reach of the East Walker River at the Rafter 7 ranch for kayaking, tubing, hiking, fishing, and cycling by: removing and replacing the hazardous and invasive Russian olive (*Elaeagnus angustifolia*) infestation along the river corridor with native trees, grasses and shrubs; the construction of 4.5 miles of river access trails with developed fishing access sites; the development new watercraft launches; and the installation of trailhead, directional trail and river-way signage.

The federal grant funds will provide:

- A contract(s) to remove and replace Russian olive infestations along the water trail from a conservation crew organization.
- Decomposed granite gravel base for parking areas, 3 watercraft launches, and trail tread.
- Sign building and installation materials.
- Chainsaws, chains, repair parts and tools. Personal protective equipment,
- Live plant materials and native seed mixes.

Matching funds will be met by:

- in-kind labor provided by park staff towards equipment operation, trail construction, sign design & construction, watercraft launch design & construction, propagation & re-vegetation, and spatial data analysis.

Project Location

Congressional District(s)*: District 4
Select all that apply.

County*: Lyon

Municipality/Town/City*: City of Yerington

Environmental Compliance

See page 10 of the RTP Handbook for more information.

Does not apply to Planning or Education projects with no ground disturbing activities.

Is a Federal agency involved in this project as an applicant, partner, or landowner?

Federal Agency*: No

If yes, environmental clearances have likely been completed for your project area.

Please indicate which NEPA document was produced.

Please attach the document to this application.

NEPA Document Produced:

NEPA Document:

Historic Resource Compliance

Please provide the following information:

Describe the extent of ground disturbance for this project. Specifically, describe the length, width, and depth of the most significant instances of excavation/digging.

Ground Disturbance:

Construction of natural surfaced trail tread can require a width of 3 to 4 feet, with excavations of up to 3 inches to 3 feet depending on side slope conditions. Up to 4.5 miles of trail construction are proposed.

Natural surfaced watercraft launches may require excavations of up to 2 feet to accommodate anchoring rocks on the bank.

Installations of trail markers and sign kiosks may require digging holes at depths of 1 to 3 feet with typical diameters of 6 to 24 inches.

Describe both current and past uses of the project area.

Project Area Use:

[REDACTED]

Describe any known cultural resources in the project area.
This may include historic buildings, archeology sites, and any other objects or features 50 years old.

Cultural Resources:
[REDACTED]
An early 1900s ore mill site is located west of the river and on upland terrain. This site is approximately 4 miles south of the ranch compound. If any other cultural areas of concern exist they will be detailed in the findings of the NEPA.

Maps

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state and/or county)		General Location	R7 RTP location map.pdf	pdf	8 MB	10/20/2021 11:14 AM
Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale)		1:24,000 scale	R7 RTP 7.5 map.pdf	pdf	3 MB	10/20/2021 11:14 AM
Detail map indicating specific project elements (e.g., structures, trail alignment)		Detail	R7 RTP detail map.pdf	pdf	4 MB	10/20/2021 11:14 AM

Photos

Description	File Name	Type	Size	Upload Date
East Walker River at APE	R7 River.jpg	jpg	121 KB	10/20/2021 11:14 AM
Overlooking Rafter 7	Rafter7_looking-east_WassukRange_J.Shedd 002.jpg	jpg	753 KB	10/20/2021 11:14 AM

Shape Files

Description	File Name	Type	Size	Upload Date
ArcGIS map package	Rafter 7 Trails.mpkx	mpkx	358 KB	10/20/2021 11:14 AM

Authorization

Authorized Individual*: Andrew Porter 08/20/2021
First Name Last Name Date

Title*: Conservation Staff Specialist

Agency/Organization*: Nevada Division of State Parks

RTP Application - MOTORIZED & DIVERSE PROJECTS/PLANNING PROJECTS

Project Description

Standards/Guidelines Applied to Project*: Other

If Other, Please List: Developing Water Trails in Iowa Guide

List all permits required to complete project.

Permits:

NEPA clearance for the Rafter 7 property; this process is currently in progress under contract with the Cardno corporation.

Does the project include a paved bicycle path?

Bicycle Path*: No

Plan Title:

Has the applicant received funding from the Recreational Trails Program in the past?

Past Funding*: No

Number of Projects Funded:

Amount of Funding Received: \$0.00

Number of Projects Completed:

Project Narrative

Project Need

Describe how this project fits with current community development plans.

Current Plans*:

As part of the Rafter 7 NEPA process, Nevada State Parks and Walker River State Recreation Area (WRSRA) have been actively developing long term plans for public access, facilities, user group opportunities, multi-use trails, and connectivity from Rafter 7 to the other park units and beyond to federal lands.

This project will provide new opportunities for paddlers, anglers, equestrians, and hikers on a run of the East Walker River that has been historically inaccessible to the public. Trail construction and enhancement at Rafter 7 presents a unique and valuable opportunity to provide established recreation infrastructure prior to visitation from new users.

Early in 2020, representatives from the local Bureau of Land Management (BLM) met with Nevada State Parks personnel to discuss preliminary steps for developing an East Walker River/Mt. Grant recreational trail network connecting areas of interest and the new State Park units via the surrounding public lands along with the BLM, this objective is shared with Walker Basin Conservancy's (WBC) 2019 RTP project by developing a multi-agency trail plan for the East Walker River. WRSRA's proposed water and multi-use trails are one of many components of a developing multi-agency partnership.

Describe the project's ability to enhance recreation options for an underserved area or population. ?Underserved? is defined as an area or population with inadequate services, facilities, and/or a lack of access to recreation opportunities.

Underserved Area or Population*:

During the hotter and drier summer months, low river flows at the Pitchfork unit often make fishing conditions poor and render the water trail there un-navigable; a developed and accessible water trail at the Rafter 7 could potentially provide paddling and angling opportunities even at the peak of the summer heat.

This project will provide previously unavailable paddling opportunities to new and existing small watercraft enthusiasts from the surrounding Lyon County communities. Kayaking is now accessible along the western and eastern Sierra, but this requires driving over 2 hours for the nearest opportunities. Rafter 7 has the potential for year-round paddling right here in Yerington's backyard.

Initial planning has identified the Rafter 7 and its existing facilities as an ideal group destination for a resort/retreat style recreation. Groups and organizations reserving the Rafter 7 mansion and grounds will typically remain on site during their stay; although users will be relatively isolated, these groups will expect a variety of activities to pursue during their stay. Hiking, fishing, and kayaking options will all be directly accessible by foot, bicycle, or short drive within property boundaries.

Project Quality

Describe project schedule(s) and contingency plans.

Schedule and Plans*:

Upon an official award notification and agreement, a Request for Qualifications (RFQ) or a bid solicitation for Russian olive removal/treatment will be distributed to regional conservation organizations and contractors. A scope of work and other pertinent information will be included. An agency review panel will then rate the RFQ submissions and make a conditional offer to the highest rated applicant. The negotiation and contract processes would be expected to finalize in the Autumn of 2022.

With a Notice to Proceed issued, the contractor could begin work in late 2022 with the cooler months having the most desirable working conditions. The contract would expire 2 years from the start date.

WRSRA personnel would also begin in-kind work on vegetation propagation, re-vegetation, trail construction, landing construction, sign design and sign installation with a signed award agreement and would follow a similar contractor timeline with the grant expiring in 2 years.

Unforeseen conditions, such as inclement weather, COVID restrictions, or possible contractor and agency scheduling issues will require grant amendments and/or contract extensions. All efforts will be taken to avoid these actions.

Describe the confirmed partnerships for this project.

Partnerships*:

Early 2020 discussions with the BLM have confirmed their partnership in planning a larger multi-agency trail development effort into the future - the completion of this project will be a step towards the larger goal.

The Walker Basin Conservancy (BLM) and WRSRA have worked together on shared goals from day one. This current proposal is compatible with WBC's awarded 2019 RTP project and shared objective of developing a multi-agency trail plan for the East Walker River.

The Right of Passage youth rehabilitation center - located just outside of Yerington - and their students continue to provide enthusiastic annual service projects at WRSRA. This group will be instrumental in re-vegetation efforts along the Rafter 7 riparian corridor following Russian olive removal.

Describe the nature and extent of public engagement with this project and what is being done to mitigate any concerns conveyed by the public.

Public Engagement*:

Since WRSRA's 2017 opening, park staff have been regularly asked by phone, email and in-person about kayaking conditions and opportunities at the park. Where low flow conditions are present at the Pitchfork unit and no water trail infrastructure at the Rafter 7, visitors are often lost to other destinations.

The Rafter 7 property has been closed to the general public since settlement, this property has been remained relatively unknown until its acquisition by the State of Nevada. As Rafter 7 opens and begins to attract its user groups; visitor input and feedback will be used to guide improvements and future park enhancements.

The progress of this project will be photographed and updated on social media to engage the public at the initial stages - this will act to promote Rafter 7's new recreation opportunities and the new park itself.

Describe the implementation of best practices in each phase of the project (e.g., planning, budgeting, construction, etc.).

Project Phases*:

Pre-planning will involve necessary feedback and confirmation from the State Parks Cultural Resource Specialist, Parks Planning and Development personnel, and from the Cardno consultants involved in the NEPA process. If necessary, any requirements from the FHWA will be completed.

Prior to multi-use trail construction, the proposed flag lines will be ground proofed in the context of localized terrain, soils, and slope. These final flag corridors will be digitized into a GIS, and the resulting spatial data will be reviewed by the Cultural Resource Specialist.

During construction, all trail will feature grade reversals and sustainable trail grades to facilitate proper drainage, to ensure durability, and lower maintenance costs. Where necessary, rock armoring will be installed to increase the durability of sensitive trail sections.

Specifications from the "Developing Water Trails in Iowa Guide" will be followed during the planning and construction of the natural-surface watercraft launches along the water trail. The design and placement of water trail signs will also follow guidelines as set forth in the Iowa guide.

High resolution drone imagery of the riparian corridor surrounding the water trail will be captured and processed to better identify and locate Russian olive infestations prior to large scale removal and treatment. The resulting high-quality spatial information will determine where and how to sustainably deploy crews and to estimate the amount of viable plant materials to have on hand for the follow up re-vegetation efforts.

How does the project promote sustainability goals and principles (e.g., social, environmental, economic) in the design criteria?

Sustainability*:

This proposal offers multiple recreation options over a large area to spread out visitor use in space and over time to minimize user conflict without wasting space unnecessarily by sharing access trails and staging areas.

Specifications from the "Development of Water Trails in Iowa" (3-11) will be followed to create the most durable and sustainable small watercraft launches as possible for the site. Desirable existing fluvial and topographical features will be used when available. The natural surface launch design when sited and constructed correctly should remain stable in both high and low water flow events. Local natural rock materials will be used to cut down on costs and facilitate quick and relatively inexpensive repairs when needed.

All multi-use trail will avoid sensitive riparian areas, be built on solid mineral soil, and will be sloped correctly relative to back slope conditions and local terrain. All trail will include rock armoring, grade reversals, and drainage dips where necessary to promote trail longevity and to prevent erosion and sediment polluting the river.

Creating new recreation opportunities at Rafter 7 will create new user groups who will continue to enjoy and promote the park to the next generation of visitors.

Alignment with Nevada's Recreation Goals

How will the project contribute to the maintenance and/or rehabilitation of existing outdoor infrastructure?

Existing Outdoor Infrastructure*:

Purpose-built access trails with proper signage for paddlers and anglers will encourage users to stay on official trails; this will reduce the frequency of decommissioning unauthorized trails and rehabilitation of sensitive areas. Providing recreation infrastructure proactively will concentrate use and users to more durable options. Prevention of resource degradation is much less costly than closures, reroutes, and rehabilitation.

Removing invasive Russian olive stands and re-vegetating with native vegetation will effectively rehabilitate the water trail to conditions safe for users. These large scale treatment and rehabilitation efforts coinciding with the opening of the Rafter 7 will lower maintenance intervals and costs for years to come.

Sustainable, properly built natural surface watercraft launches will encourage users to these river entry/exit points thereby preventing stream bank erosion and potential collapse from rogue launches and landings. Preventing river bank erosion is much less costly than control and stabilization efforts after damage has been done.

How will safety be implemented in the design, maintenance, and management of the project?

Safety*:

Safety is a primary objective of this project with large-scale Russian olive removal along the water trail. Russian olive (*Elaeagnus angustifolia*) is an invasive tree species with sharp woody thorns which can reach a few inches in length; these thorns are very hazardous to hikers, fishermen, and paddlers alike. Russian olive not only can injure on contact, but can create dangerous conditions for paddlers and tubers where users and their equipment can become entangled leading to potential accidents or drownings. Russian olive stands will first be mechanically cut down with the left over slash either chipped or transported off site for burning. The remaining stumps will then be treated with Garlon herbicide and the site will be replanted with non-hazardous native Cottonwood trees, shrubs, and grasses.

Water trail sign design and placement will follow guidelines directly from the "Developing Water Trails in Iowa" guide to notify paddlers of downriver obstacles, potential hazards and watercraft landings.

Freely available personal flotation devices from the Nevada Department of Wildlife will be located at all 3 proposed watercraft launch/landings.

A majority of WRSRA field staff successfully completed the "Swiftwater Rescue & Operations" training in the summer of 2020. This certification will be maintained for field staff by completing Continuing Education Credits and hosting future courses for new hires.

Water flow conditions and advisements for the Rafter 7 water trail will regularly be monitored and posted to social media platforms and to the Nevada State Parks website. Optimal kayaking river flows are typically between 50 and 75 cubic feet per second.

How does the project increase connectivity between trails, facilities, or other locations?

Connectivity*:

Using the existing Rafter 7 mansion, rental cabins, grounds, and indoor event venue (formerly a vast livestock building) as a hub; this project will connect visitors directly to paddling, angling, and hiking opportunities on site. The planned OHV and youth group campgrounds will also have direct connectivity to these activities by foot, bicycle, or vehicle.

Many miles of popular OHV designated trails exist on surrounding BLM and USFS managed lands and these will be directly accessible from Rafter 7's proposed OHV campground to be built on the park's northeast boundary.

A multi-agency effort between the USFS, BLM and Nevada State Parks is being planned to eventually connect all WRSRA park units - the Pitchfork, Rafter 7, Flying M, and 9 Mile - by multi-use trail to one another and beyond with the potential for connections to discussed Mt. Grant and Walker Lake trail networks.

How does the project engage youth?

Youth Engagement*:

In the recent past, Rafter 7 has hosted a local church youth camp with great success; this group and others are enthusiastic about future events supported by new facilities and activities. With direct connectivity to this proposal's hiking, kayaking, and fishing opportunities; the planned Youth Group Campground will be the perfect venue for weekend and multi-day youth camping events.

WRSRA staff have completed Nevada Department of Wildlife (NDOW) angler and archery training to safely educate youth in what will be life-long hobbies; successful archery and fishing clinics at the Walker River parks have been popular and well attended over the last couple of years. Park staff are willing to receive further training to host NDOW Hunter Safety courses for youth groups on site. Already having the the proper training, future venue and youth visitation; Rafter 7 staff plan to host "Summer Day Camp" sessions where young attendees learn and engage in valuable outdoor skills by way of this project's fishing and water trails.

This project will also provide for many volunteer opportunities as well; we are looking into an adopt a trail program which would directly involve youth groups in conservation and stewardship right here in Yerington's backyard. The Boys & Girls Club of Mason Valley and the local Right of Passage youth rehabilitation center have both expressed interest in volunteering at WRSRA for conservation and trail projects.

How will the project contribute (or otherwise complement) the development, maintenance, and/or management of new outdoor recreation facilities?

New Outdoor Recreation Facilities*:

This grant project will ultimately compliment and protect the existing and planned infrastructure, the scenic natural resources, and the cultural resources of the Rafter 7 by establishing it as Nevada's next park unit.

The long-term development and clearance plan for the Rafter 7 property has identified areas for a Youth Group Campground, an OHV Campground, Rental Cabins and for the trails and facilities proposed in this project. With varied and in-demand recreation options conveniently accessible from the luxurious Rafter 7 mansion, this park unit will become a destination for user groups seeking a true retreat experience. As Rafter 7 continues to attract user groups - repeat customers will become stewards and advocates for the further improvement and protection of their favorite park.

As visitation and reservations grow, so will the need for sufficient operating, personnel, and maintenance budgets to be allocated for upkeep. As the Rafter 7 becomes a reliable revenue source, future park improvements and enhancements will be justified.

How does the project contribute to the economic vitality of its community?

Economic Vitality*:

Although many excellent fishing and kayaking opportunities are regionally available along the Sierra Front, these areas are often over crowded during the peak season and are typically over a 2 hour drive away. This project will open to the public novel and previously inaccessible areas to paddlers, fly fishermen, and hikers effectively creating a new user base from Lyon County residents and beyond. Visitors from

outside the area will bring with them their money for purchasing food, lodging, fuel, and gear from local businesses.

Providing varied and destination quality recreation opportunities right from Rafters 7's grand opening will quickly create a dedicated user base and interest will spread.

How will the project contribute to the conservation and/or rehabilitation of water and habitat?

Water and Habitat*:

The availability for enjoyable and well-maintained trails will attract users to these durable surfaces and should abate negative impacts to nearby pristine and sensitive habitat areas. The continued presence of trail users will provide social pressure and reporting against unsustainable or unauthorized uses. In thick riparian vegetation, maintained trail corridors will be the preferred and often the only routes for watercraft portaging.

Properly sited and constructed natural-surfaced small watercraft launches ease deployment onto the river and will encourage paddlers to launch and land on at these durable surfaces. Accessible and trail connected watercraft launches will prevent users from bushwhacking rogue trails in sensitive riparian vegetation and launching from unstable and erodible riverbanks. Properly constructed, these features will help to mitigate river pollutants by preventing user disturbance and keeping sediment upland and out of the river channel.

Russian Olive is an invasive species which is not only a significant visitor hazard but is also detrimental to the riparian habitat where it rapidly spreads and displaces native trees and shrubs. After manually removing and chemically treating Russian Olive stands, the riverbanks that were previously held together by these root systems will be very fragile. The disturbed areas will be planted with locally propagated cottonwoods, willows, native shrubs, and riparian grasses. By replanting the disturbed riparian areas, this will help mitigate the spread of other noxious weed growth including: Bull thistle, Canada thistle, Tall white top and Tamarisk.

Applicant History

Summarize your organization's grant management record. If your organization is new to grants, please summarize the organization's project management record.

Grant Management Record*:

WRSRA staff have direct experience with grant management here and in previous positions.

Conservation Staff Specialist Samantha Essig is experienced with EPA Non-Point Pollution grants, Land and Water Conservation Fund projects, National Wetlands Associated Conservation Corps projects, Cabela's Outdoor Recreation grants, Nevada Division of Forestry Landscape Scale Restoration grants and the Nevada OHV program.

Conservation Staff Specialist Andrew Porter has several years of Nevada RTP project management with 5 awarded grants totaling over \$670,000 in federal funding towards the construction of trailheads, parking areas, map kiosks, signs and 18 miles of single-track.

Describe your organization's capacity to maintain facilities for the next 25 years.

Maintain Program*:

WRSRA enjoys strong relationships with local non-profits who are dedicated to volunteer service. These include the Right of Passage youth rehabilitation center, the BGC of Mason Valley, and the Lyon County Schools. Since its beginning, WRSRA has had large attendance at its Public Lands Day celebration and Earth Day events and these events have already become a tradition locally. The continued success of a trail network relies on a strong service ethic in the local community.

WRSRA will routinely spend out of its budget as necessary to purchase hand tools, herbicide, regularly patrol trails, inspect trail conditions, monitor river flows, and perform repairs. These objectives and goals are compatible with the mission statement of the Nevada State Parks as an agency.

Authorization

Authorized Individual*:

Randy Denter 10/27/2021

First Name Last Name Date

Agency/Organization*:

Nevada Division of State Parks

Title*:

Park Supervisor III

Supporting Documentation

Supporting Documentation

Named Attachment	Required	Description	File Name	Type	Size	Upload Date
General location map (showing project area within the state or county)		General Location Map	WRSRA_R7_General_Location_Map.pdf	pdf	7 MB	11/01/2021 04:06 PM
Topographic map with project boundary and map name (7.5 minute series quadrangle, 1:24,000 scale)		1:24,000 Scale Map of entire project area.	WRSRA_R7_7.5.pdf	pdf	6 MB	11/01/2021 02:56 PM
Detail map indicating specific project elements (e.g., structures, trail alignment)		Detail map showcasing Fishing Access Trail, Water Trail, and Russian olive distribution.	WRSRA_R7_north_detail.pdf	pdf	3 MB	11/01/2021 04:08 PM
At least two (2) overviews of the project area from different angles and distances		A view of the East Walker River at Rafter 7	R7 River.jpg	jpg	121 KB	11/01/2021 12:36 PM
Photograph of the project area from the project area	Required	Historic MILCUT for the project area	MILCUT_1.jpg	jpg	610 KB	11/01/2021 06:46 AM
Letter or statement certifying that the appropriate official has reviewed this project and approved of the property						
Documentation certifying that the appropriate official has reviewed this project and meets their approval						
USACE 404 and/or other applicable permits						
Erosion and sedimentation control plan for stream crossings or general construction activities						
Copy of any building permits that may be required by the local township or statement permit not needed						
Sewage disposal permit						
Transmittal letter		Transmittal letter from WRSRA Park Supervisor	Transmittal letter 2021.PDF	PDF	220 KB	11/01/2021 06:42 AM
Letter of Support		Letter of Support from Walker Basin Conservancy	WBC Letter of Support_Rafter 7 Multi-Use Water Trail Project_10.28.2021.pdf	pdf	251 KB	11/01/2021 06:41 AM

Additional Documentation

Description	File Name	Type	Size	Upload Date
Cottonwood gallery on east side of river at Rafter 7.	CWgalleryR7.jpg	jpg	140 KB	11/01/2021 12:38 PM
Looking east towards the Wassuk Range	Rafter7_looking-east_WassukRange_J.Shedd 002.jpg	jpg	753 KB	11/01/2021 12:40 PM

Budget

Percentages

Grant Request

Federal Grant Percentage: 78.05%

Match

Federal Match Percentage: 0.0%

Non-Federal Match Percentage: 21.95%

TOTAL MATCH PERCENTAGE: 21.95%

Design and Engineering Costs

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Planning Costs for Match

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
CS I; UAV & GIS spatial analysis	80.19	hour	\$62.35	\$4,999.85	\$0.00	0.00	\$0.00	0.00	\$5,000.00	100.00	
					\$4,999.85	\$0.00	\$0.00		\$5,000.00		

Direct Labor (Salaries or Actual)

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
PMS: equipment operation	225.03	hour	\$44.44	\$10,000.33	\$0.00	0.00	\$0.00	0.00	\$10,000.00	100.00	
PMS: sign design, fabrication, installation	112.51	hour	\$44.44	\$4,999.94	\$0.00	0.00	\$0.00	0.00	\$5,000.00	100.00	
PMS: Russian olive removal, treatment	112.51	hour	\$44.44	\$4,999.94	\$0.00	0.00	\$0.00	0.00	\$5,000.00	100.00	
PMS: Trailhead & Kayak access construction	112.51	hour	\$44.44	\$4,999.94	\$0.00	0.00	\$0.00	0.00	\$5,000.00	100.00	
CS: Propagation & Re-vegetation	108.95	hour	\$45.89	\$4,999.72	\$0.00	0.00	\$0.00	0.00	\$5,000.00	100.00	
CS: Propagation & Re-vegetation	80.19	hour	\$62.35	\$4,999.85	\$0.00	0.00	\$0.00	0.00	\$5,000.00	100.00	
				\$34,999.72	\$0.00		\$0.00		\$35,000.00		

Labor (Volunteer or Donated)

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Equipment Purchase/Rent/Lease

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Contracts

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
Russian Olive Removal, Chemical Treatment, and Re-Vegetation	1.00	contract	\$130,000.00	\$130,000.00	\$130,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
			\$130,000.00	\$130,000.00	\$130,000.00		\$0.00		\$0.00		

Materials

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
DG Gravel Fill; trail surface and parking base	500.00	cubic yard	\$20.00	\$10,000.00	\$10,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
Sign Materials Package	1.00	package	\$2,000.00	\$2,000.00	\$2,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
Herbicide and Surfactant	1.00	package	\$5,000.00	\$5,000.00	\$0.00	0.00	\$0.00	0.00	\$5,000.00	100.00	
Chainsaws, PPE, chains, repair tools & parts	1.00	package	\$8,000.00	\$8,000.00	\$8,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
Live plant materials and native seed	1.00	package	\$10,000.00	\$10,000.00	\$10,000.00	100.00	\$0.00	0.00	\$0.00	0.00	
			\$25,020.00	\$35,000.00	\$30,000.00		\$0.00		\$5,000.00		

Fuel, Vehicle Maintenance & Travel

Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Other Expenses

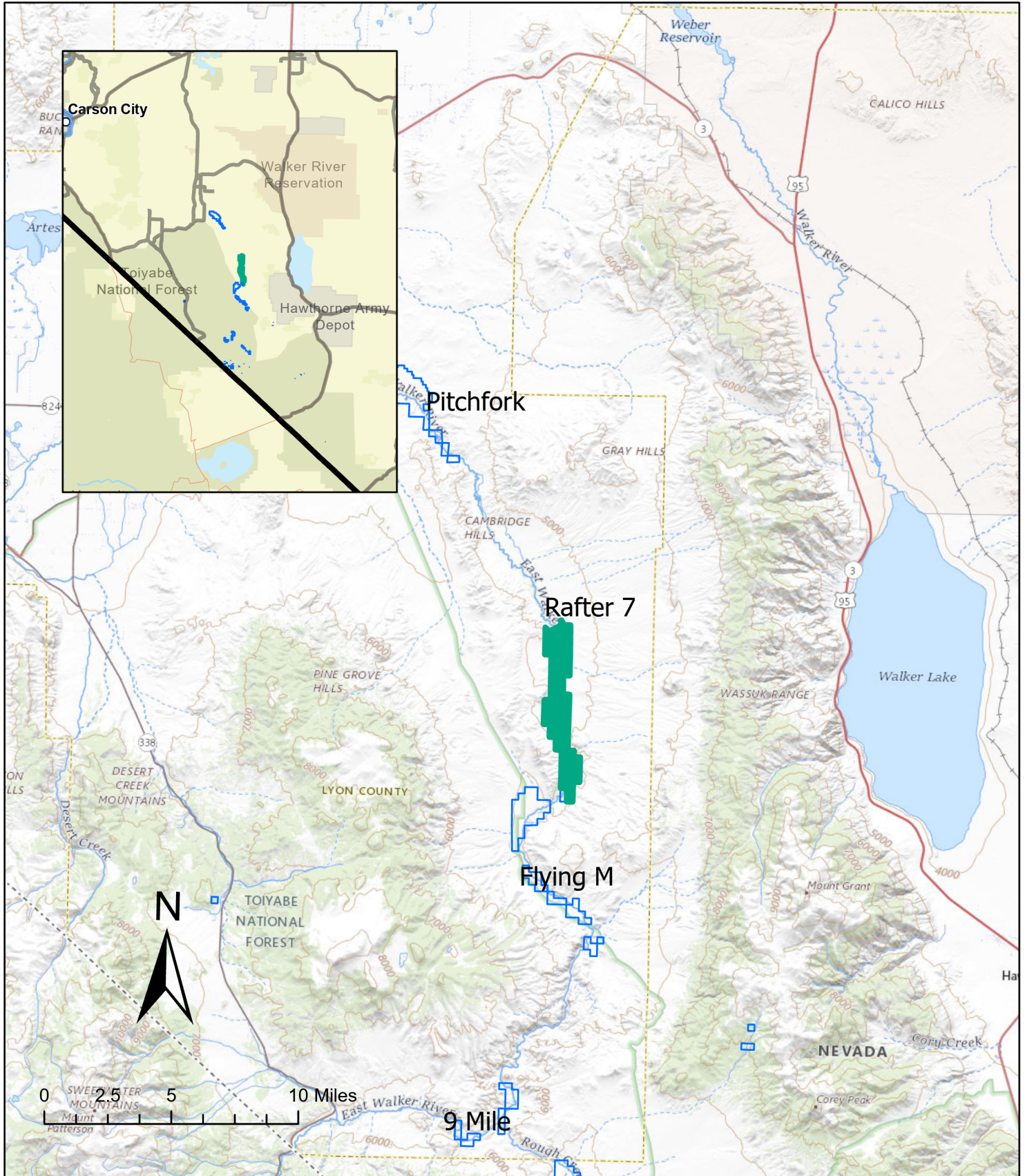
Description	# of Units	Unit Type	Unit Cost	Total Unit Cost	Federal Grant	Federal Grant Percentage	Federal Match	Federal Match Percentage	Non-Federal Match	Non-Federal Match Percentage	Match Source
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No Data for Table

Totals

Total Federal Grant Amount:	\$160,000.00
Total Federal Match Amount:	\$0.00
Total Non-Federal Amount:	\$45,000.00
Total Amount:	\$205,000.00

Rafter 7 Multi-Use Water Trail General Location Map



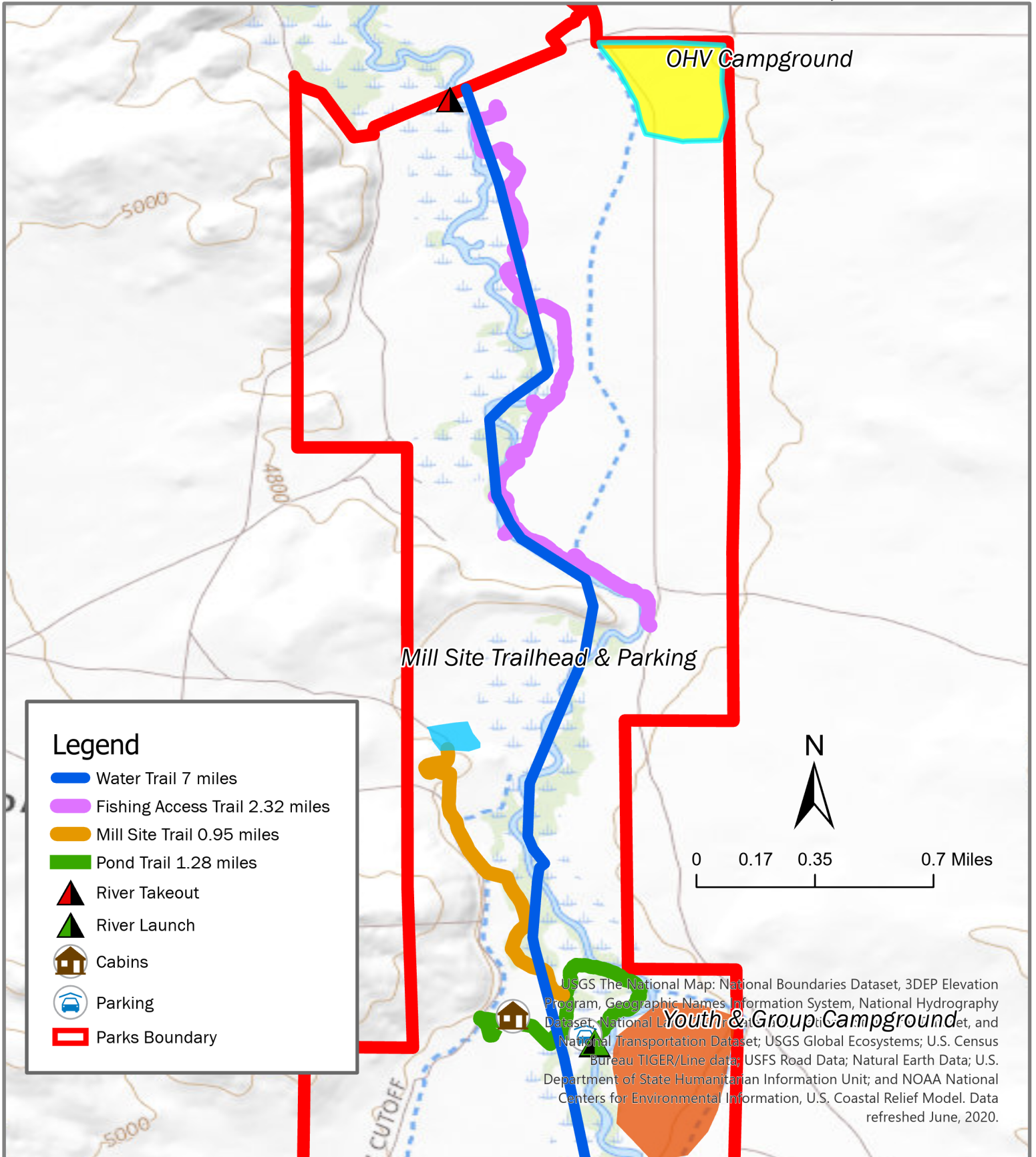
Rafter 7 Park Boundary
 WRSRA Park Units

PCS: NAD 1983 UTM Zone 11 N
 Data Source: Nevada State Parks
 September 2021



Walker River State Recreation Area

Rafter 7 Multi-Use River Trail - 1:24,000



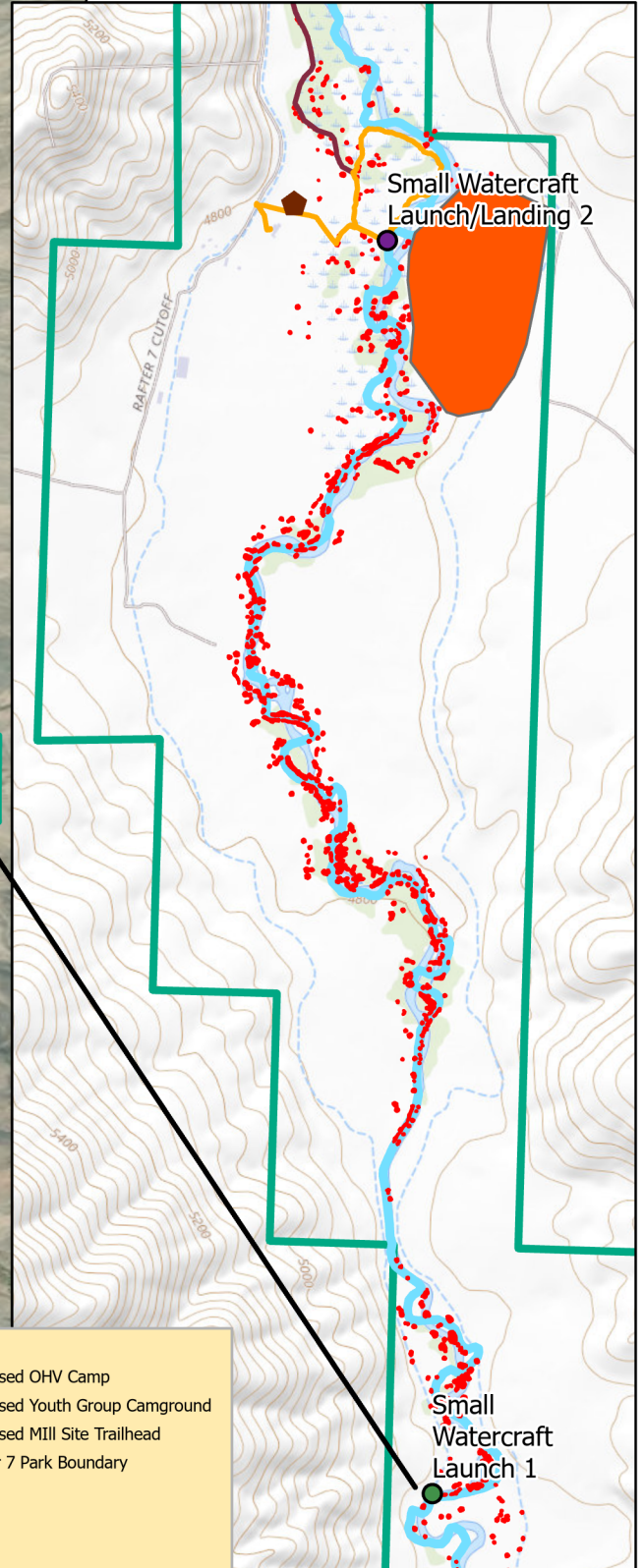
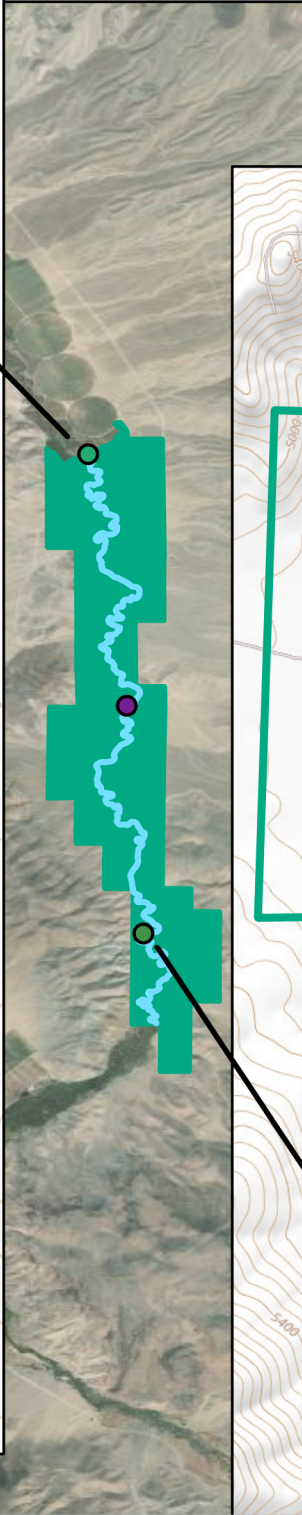
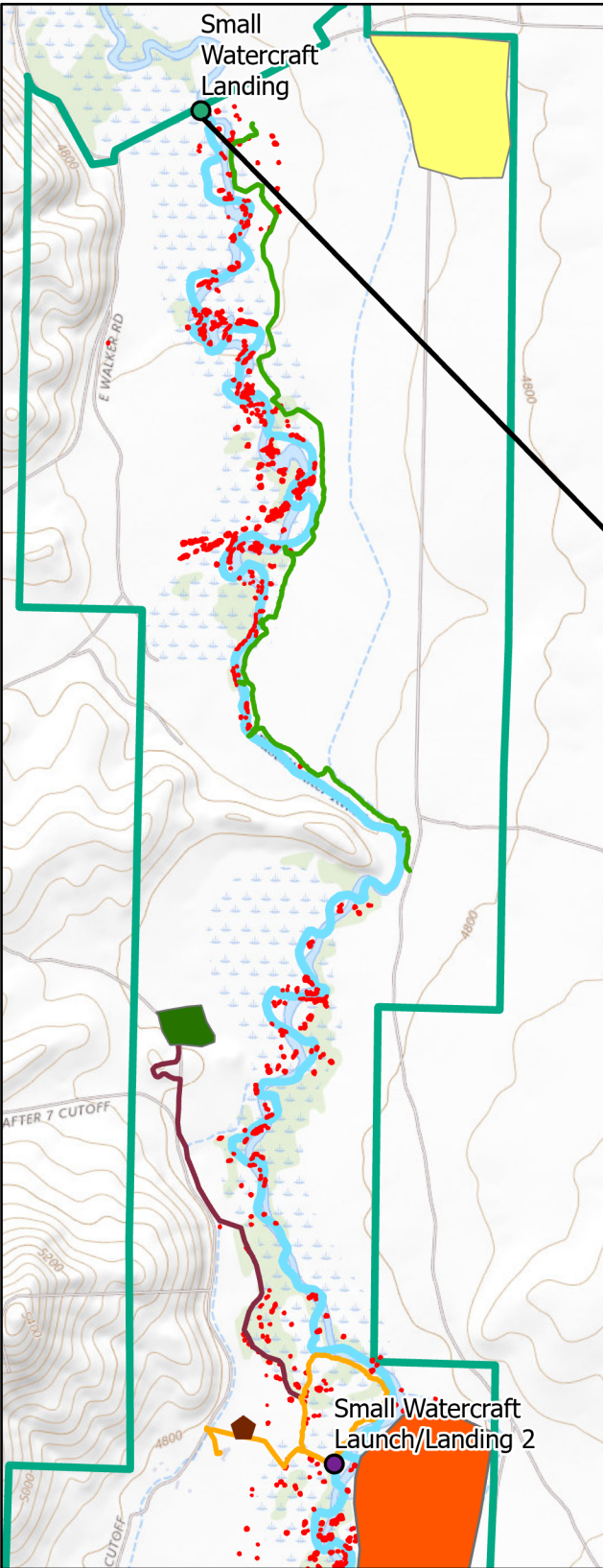
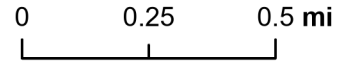
PCS: WGS 1984 UTM Zone 11N
 Data Source: NDSP

Andrew Porter, Conservation Staff Specialist
 Walker River State Recreation Area
 aporter@parks.nv.gov



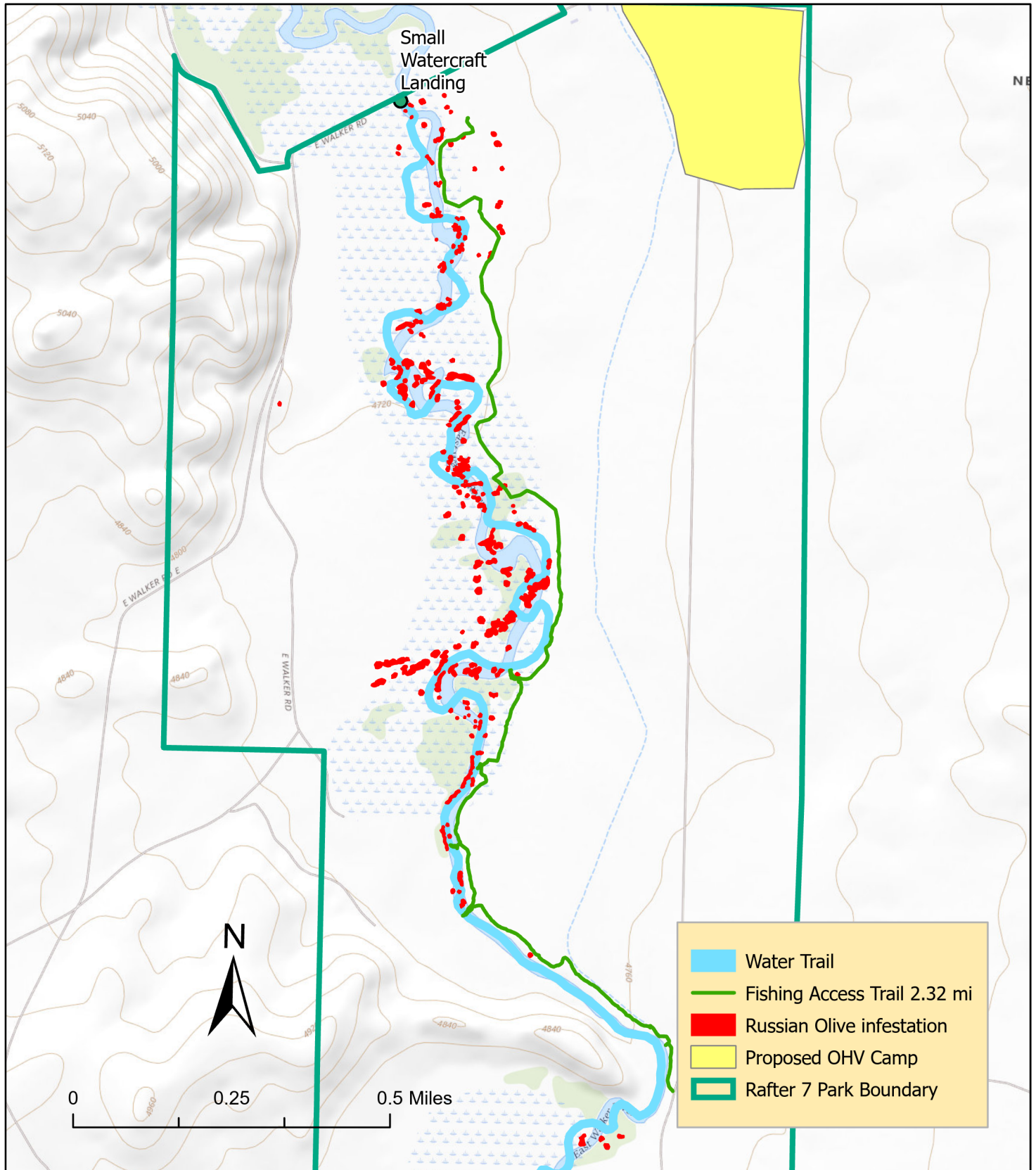
Rafter 7 Multi-Use Water Trail

1:24,000 Scale, 7.5 min.



- | | |
|------------------------------|---------------------------------|
| Water Trail | Proposed OHV Camp |
| Russian Olive infestation | Proposed Youth Group Campground |
| Rental Cabins | Proposed Mill Site Trailhead |
| Fishing Access Trail 2.32 mi | Rafter 7 Park Boundary |
| Pond Trail 1.28 mi | |
| Mill Site Trail 0.95 mi | |

Rafter 7 Multi-Use Water Trail Northern Project Detail



PCS: NAD 1983 UTM Zone 11 N
Data Source: Nevada State Parks
September 2021









STEVE SISOLAK
Governor

BRADLEY CROWELL
Director

Department of Conservation and
Natural Resources

ROBERT MERGELL
Administrator

STATE OF NEVADA



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DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES
DIVISION OF STATE PARKS

October 25, 2021

Heather Giger
Park & Recreation Program Manager
901 S Stewart Street, Suite 5005
Carson City, NV 89701
775-684-2784

Re: Transmittal Letter – Walker River State Recreation Area, Nevada Recreational Trails Grant Application


Heather,

I understand and agree to all terms and responsibilities as set forth in the Trails Grant Application; I understand that this will include providing match, tracking expenditures and submitting quarterly reports.

In accordance with the mission and objectives of the Nevada Division of State Parks; the staff and management of Walker River State Recreation Area sincerely commit to maintain the proposed trails and facilities for the next 25 years or more.

I verify that this project is in compliance with Section 1302 (e)(2)(c) of the National Recreational Trails Act that prohibits the use of grant funds to accommodate motorized use on trails that have been predominately used by non-motorized trail users and on which, as of May 1, 1991, motorized use is either prohibited or as not occurred.

Respectfully,


Randy Denter
Park Supervisor III
Walker River State Recreation Area

Heather Giger
Park & Recreation Program Manager
Department of Conservation and Natural Resources
Division of State Parks
901 S. Stewart St., Suite 5005
Carson City, NV 89701

October 28, 2021

Re: Walker River State Recreation Area's RTP Application for Rafter 7 Multi-Use Water Trail Project

Dear Heather and members of the RTP Committee,

Walker Basin Conservancy is please to submit this letter in support of the Walker River State Recreation Area's (WRSRA) proposal to construct new fishing access and interpretive trails, develop new, small-watercraft launch/landing areas, and open the river corridor for recreation through the removal of invasive Russian Olive at Rafter 7 Ranch. The Walker Basin Conservancy works in close partnership with WRSRA to restore and protect lands within the park while enhancing public access to an amazing and historic area of Nevada that has limited non-motorized recreation opportunities.

The proposed project will create 4.3 miles of much needed non-motorized trails at the Rafter 7 property allowing hikers, anglers, and other recreationists to access the river away from roads. This trail system will have easy access to the park's expanding recreation opportunities and link many unique features at Rafter 7, such as the old Stamp Mill site, to the main park compound through safe non-motorized routes. The removal of Russian Olive and addition of three new natural surface watercraft landing/launch areas will open up this beautiful section of river corridor to paddlers, anglers, and casual tubers. These new land and water trail systems will further enhance recreation within the Walker Basin while providing safe and sustainable access within the park. The Conservancy will collaborate on designs to ensure they align with restoration goals and support the State in managing and constructing trails.

The Conservancy fully supports the proposed project and will continue to work closely with WRSRA to ensure sustainable access to public lands in the Walker Basin. Thank you for your consideration.

Sincerely,



Peter Stanton
Executive Director
Walker Basin Conservancy
615 Riverside Dr., STE C
Reno, NV 89503