



NEVADA OFF-HIGHWAY VEHICLES PROGRAM GRANT APPLICATION

Nevada Commission on Off-Highway Vehicles
Nevada Department of Conservation and Natural Resources

Applicant Information

Organization

Name: Sierra Avalanche Center (SAC)

Contact Person: David Reichel Executive Director
Name Title

Mailing Address: 11260 Donner Pass Rd. SteC1
Street Address Unit #
Truckee CA 96161
City State Zip Code

Phone: 530 545 3055 **Email:** davidr@sierraavalanchecenter.org

Which best describes your organization? (Check one)

| | |
|---|---|
| <input type="checkbox"/> State Agency | <input checked="" type="checkbox"/> Non-Profit Organization |
| <input type="checkbox"/> Federal Agency | <input type="checkbox"/> Community-Based Organization |
| <input type="checkbox"/> County/City Agency | <input type="checkbox"/> For Profit |
| <input type="checkbox"/> Local/Municipal Entity | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Individual | |

If the applicant is a corporate or legal entity, proof of good standing in the entity's state of incorporation is required. NAC 490.1345 (Note: grantees must have the capacity to implement and accomplish proposed project and properly administer awarded funds).

Has the applicant previously received OHV Grant Program funding?

No Yes

Does the applicant currently have open grants from the Nevada OHV Program?

No Yes

Number of projects funded: 3

Amount of funding received: \$ \$83250

Number of projects completed: 3

Project Information

Project Name: Sierra Avalanche Center Avalanche Forecast

Select all that describes the project type(s) NRS 490.069 Sec.2c?

- | | | | |
|--------------------------|--|-------------------------------------|-----------------------------------|
| <input type="checkbox"/> | OHV compliance and enforcement | <input checked="" type="checkbox"/> | OHV safety training and education |
| <input type="checkbox"/> | Studies or planning for trails and facilities | <input type="checkbox"/> | Enhancement or maintenance |
| <input type="checkbox"/> | Mapping and signing | <input type="checkbox"/> | Construction of trails/facilities |
| <input type="checkbox"/> | Restoration of areas damaged by OHVs | <input type="checkbox"/> | Acquisition of land |
| <input type="checkbox"/> | Construction of trail features to minimize impacts on environmentally sensitive areas or important wildlife habitats | | |

Project Cost *(grant request and matching funds directly related to the project)*

| | |
|-----------------------------|----------------|
| OHV grant request | 106,818 |
| Matching Funds | 249,242 |
| Total Project Amount | 356,060 |

What are the sources or partners for your leveraged (matching) funds?

- | | | | |
|-------------------------------------|-------------|-------------------------------------|--------------|
| <input type="checkbox"/> | Federal | <input type="checkbox"/> | In-kind |
| <input checked="" type="checkbox"/> | State | <input checked="" type="checkbox"/> | Private |
| <input type="checkbox"/> | City/County | <input type="checkbox"/> | Other: _____ |

Please describe leveraged (matching) funds (ex. another grant, volunteer hours, cash donation, etc.):

The grant request is for 30% of the cost of the SAC professional field staff. 30% is the percentage of SAC users from Nevada. The match comes from a combination of the CA OHV grant and private funds provided by nonprofit SAC.

User group(s) that will be able to utilize this project (check all that apply):

- | | | | |
|-------------------------------------|-------------------------|-------------------------------------|---|
| <input checked="" type="checkbox"/> | Single Track Motorcycle | <input checked="" type="checkbox"/> | Snowmobiles |
| <input checked="" type="checkbox"/> | ATV/Quads | <input type="checkbox"/> | Dune Buggy |
| <input checked="" type="checkbox"/> | UTV/Side by Side | <input type="checkbox"/> | Mountain Bikers |
| <input type="checkbox"/> | Hiking/Backpacking | <input type="checkbox"/> | Equestrian |
| <input checked="" type="checkbox"/> | Snowshoers/Skiers | <input checked="" type="checkbox"/> | Other: Motorcycles, ATVs, & UTVs are increasingly modified with tracks to travel over snow and thus some of these users will utilize this project, but the primary users will be snowmobiles. |

If applicable, please explain how this project will aid with managing user interactions:

Type here:

Proposed Scope of Work

Please describe exactly what work will be completed. Programs, planning, NEPA, surveys, mapping, include miles of trail, trail type and any other pertinent information (NAC 490.1375). If purchase of equipment is included, please explain where/how it will be housed and maintained.

The SAC professional field staff (three U.S. Forest Service Forecasters and three Professional Observers who work directly for the non-profit) carry out the necessary snow and avalanche observations throughout the winter in order to produce a daily avalanche forecast. Collectively the Forecasters and Professional Observers are in the field approximately 315 days during a winter season recording snow and weather data in order to understand what is happening in the snowpack and then produce a daily avalanche forecast. During their time in the field they observe and record new snow accumulations and dig snow pits to observe how the old snow is changing. These snowpits are critical for understanding if the old snow is gaining strength or becoming weaker. The ability to travel in the winter environment is a specialized skill and the knowledge to make these professional observations is relatively rare. All of this information is used to produce the avalanche forecast which gives a Danger Rating (Low, Moderate, Considerable, High, Extreme) and one or more daily Avalanche Problems to be on alert for. This avalanche forecast is essential information for over snow motorized users to plan their travels so that they can understand the general danger and which specific avalanche problems are a threat on that day.

Project Deliverables

Please describe *quantitative* outcomes for your project. Examples could include miles of trail created, number of enforcement overtime hours, presentations held, programs facilitated, users engaged, pounds of trash collected, etc.

The Sierra Avalanche Center will produce approximately 130 free daily avalanche forecasts during a winter season (260 over the two year grant cycle).

Project Timeline: Funding Agreements are two years unless specified. Please complete the table below providing a timeline of your project.

| Quarter | Date | Project Goals | Deliverables |
|---------|-------------|---------------------------|--------------|
| Q1 | Jan-Mar, 25 | Daily Avalanche Forecasts | 90 |
| Q2 | Apr-Jun, 25 | Daily Avalanche Forecasts | 20 |
| Q3 | Jul-Sep, 25 | | 0 |

| | | | |
|----|-------------|----------------------------------|-----------|
| Q4 | Oct-Dec, 25 | Daily Avalanche Forecasts | 30 |
| Q1 | Jan-Mar, 26 | Daily Avalanche Forecasts | 90 |
| Q2 | Apr-Jun, 26 | Daily Avalanche Forecasts | 20 |
| Q3 | Jul-Sep, 26 | | 0 |
| Q4 | Oct-Dec, 26 | Daily Avalanche Forecasts | 30 |

Priorities and Scoring Narrative

Grants will be scored based on answers to the ten (10) criteria listed below. Each criteria carries a weight determined by the OHV Commission, voted upon during the open meeting on 9/7/2021. Please reference Grant Manual Appendix A.

| |
|---|
| <p>Law Enforcement Strategy that addresses registration enforcement, including Public Education & Outreach aimed at increasing renewals and new registrations: <i>How will your project increase the number of OHV registrations in the district. How will the equipment and time be used to increase OHV safety and awareness? Please reference the Law Enforcement Statistics reporting form.</i></p> |
| <p>Type here: N/A</p> |
| <p>Planning, Environmental Studies, Conservation: <i>Describe how the environmental studies, conservation and/or planning will mitigate resources impacted by OHV recreation. How will your project contribute to the conservation of our natural resources, while enhancing OHV opportunities?</i></p> |
| <p>Type here: N/A</p> |
| <p>Enhancement or Maintenance of existing trails and facilities: <i>How will maintenance needs be prioritized and how often will your project hold a maintenance/trails enhancement event? HOW will your project be maintained and WHO has committed to the ongoing maintenance of the facility or trail (note: a minimum of 2 maintenance/ trail events are required per year).</i></p> |
| <p>Type here: N/A</p> |
| <p>Training: <i>Please describe the goals and objectives of your public safety training program. Is it a nationally recognized certification? What sets your safety training program apart from the others?</i></p> |
| <p>Type here: Avalanche centers throughout the U.S. provide critical free daily avalanche forecasts throughout the winter to provide backcountry users with the information they need to stay safe from avalanches. The Sierra Avalanche Center uses the North American Avalanche Dangers Scale which is employed by all other avalanche centers in North America. The Sierra Avalanche Center also uses the common nine avalanche problems described by the National Avalanche Center and the American</p> |

Avalanche Association. These tools are the standards for communicating what the avalanche hazard is and what specific type of avalanche danger exists on a given day. The Sierra Avalanche Center forecast is the only advisory covering the greater Tahoe area.

Connectivity/Loops: *How will the project impact connectivity of OHV trails, facilities, and local communities? Please include maps of areas impacted by your project and describe those impacts.*

Type here: N/A

Access: *Please describe how your project improves OHV access in the project area. Explain what access/opportunities would be lost or restricted if the project does not occur.*

Type here: N/A

Trail mapping and signing of existing trails and facilities: If a mapping component is included in the grant, please describe how it will be integrated with the current web mapping application found on OHV.NV.GOV

Type here: N/A

Partnering and Leverage: *Who else is involved in this project? Please describe outreach with stakeholders, partners and local governments, that you have communicated with in planning this project.*

The Sierra Avalanche Center works with a variety of stakeholders including: United States Forest Service, Washoe County, and Lake Tahoe Snowmobilers. Forest Service Forecasters write the daily avalanche forecast. Approximately ¾ of their salary is provided by the Sierra Avalanche Center. Washoe County, Emergency Management utilizes our daily avalanche forecast and direct the public to do the same. The Sierra Avalanche Center attends Lake Tahoe Snowmobilers meetups and uses these events as opportunities to explain the avalanche forecast.

Economic Integration: *How will this project improve OHV recreation opportunities that help local, regional, or state economies grow?*

Traveling in the winter backcountry is dangerous. Serious accidents and fatalities are tragic for those involved. Ensuring that winter recreation can be conducted in as safe a manner as possible is valuable to individuals and the larger community.

Demand for New Facilities: *Please provide justification for **NEW** facility/program development: restrooms, trails, signs, and other amenities.*

Type here: N/A

Project Budget

Proposed Budget: Provide your budget details to include all project expenses, including contracts, labor costs, volunteer or donated labor, equipment, travel, materials, etc. Each section needs to be broken down into specific item costs. You may create your own spreadsheet. (See Grant Manual Appendix B for example)

- Your budget must align clearly with your Scope of Work.
- Be specific. Each section needs to be broken down into individual line items and costs. For example, a lump sum for “travel” should be broken down into items such as lodging, per diem, gas etc.
- All travel expenses should be based off current GSA rates. Rates can be found [here](#) or at <https://www.gsa.gov/travel/plan-book/per-diem-rates>.
- Reminder: Include all sources of funds for the completion of the project including federal, in-kind, private/city/county and state funds.
- **Attach copies of estimates to support your budget and identify what each contract will include.**

LAND MANAGEMENT AND ENVIRONMENTAL COMPLIANCE

Classification of Land Management:

- City/Municipal
- County
- State
- Federal
- Private
- Lease; Attach copy of lease with expiration date
- R&PP; Attach copy of lease with expiration date
- Other: A website owned by the non-profit Sierra Avalanche Center.

Landowner(s): _____

If the proposed project is to be carried out on public land, attach any applicable written agreement with any government entity having jurisdiction over that land, including permits, leases, easements, and rights-of-way. NAC 490.135

Will there be ground disturbing activities (ex. construction, trail maintenance)?

Yes No

Standards/guidelines that will be applied to your project (if applicable):

- Universal Access to Outdoor Recreation - A Design Guide
- USFS Standard Specifications for Construction & Maintenance of Trails
- BLM Handbook 9114-1 Trails
- NOHVCC Handbooks
- Other: _____

THE LANDOWNER MUST PROVIDE A LETTER STATING THAT:

(See Grant Manual Appendix C)

- a) Landowner has read the Request for Grant Application package.
- b) Landowner agrees with the application and the terms of the grant.
- c) Landowner holds an interest in the subject land that is sufficient in scope and authority to allow the applicant to complete the proposed project and operate and maintain the proposed project after its completion.
- d) Landowner is legally committing to maintain the trail/facility and will allow public motorized access to such trail/facilities for 25 years or the normal life of the project; and
- e) Landowner agrees to provide any match or other tasks in the application that are assigned to Landowner.

Federal Environmental Compliance:

If Federal funds or Land are a part of the project and NEPA was completed, indicate which document was produced, and **please attach the decision document to this application:**

- Record of Decision (ROD)
- Finding of No Significant Impact (FONSI) and a Decision Record (DR)
- Categorical Exclusion (CX)
- SHPO 106 compliance/concurrence letter
- Other compliance documents already completed.
- Not applicable

If NEPA or planning is a part of the project describe the steps in the Scope of Work.

Location, Maps, Photos

Nearest town/city/municipality of project (list multiple if applicable): _____

County(s) Portions of the following counties are within the SAC forecast area:
: Washoe, Douglas, Placer, Nevada, Eldorado, Alpine, Amador

Required Maps: All maps must include a legend, north arrow, scale, and map name. Topographic maps are preferred. You may include *additional* aerial/google maps. (See Grant Manual Appendix D for examples)

The following map types are required:

- 1. General location map (showing project area within the state or county)
- 2. Detail map indicating specific project elements (e.g., structures, trail alignment)
 - o Maps larger than 11x17 will not be accepted

Required Photographs: At least two (2) overviews of the project area from different angles and distances. (Good photographs at trail level and google aeriels help the technical advisory committee and the Commission to understand the location, depth and breadth of your project.)

Trail projects: If the shapefiles for the trail system are available, please submit them in the e-file. The shapefiles of the trail will be required at project end. Contact the Program for assistance in the collection of the data if needed.

Disclaimer and Signature

I certify that my answers are true and complete to the best of my knowledge. If this application is selected for funding, I understand that false or misleading information in my application or presentations may result in the termination of the grant.

Signature: David Reichel Date: 11/17/24
 Printed Name: David Reichel Title: Executive Director

**APPLICATIONS DUE:
NOVEMBER 17, 2024 AT 11:59 PM, PST**

SUBMIT: ONE SINGLE ELECTRONIC FILE; PDF VIA EMAIL TO:
KBarmore@ohv.nv.gov

OR

ONE FULL COLOR COPY OR MEMORY DEVICE ENCLOSED WITH APPLICATION
BY MAIL OR HAND DELIVERY
(8.5" X 11" ONLY. Maps should be no larger than 11"X17")

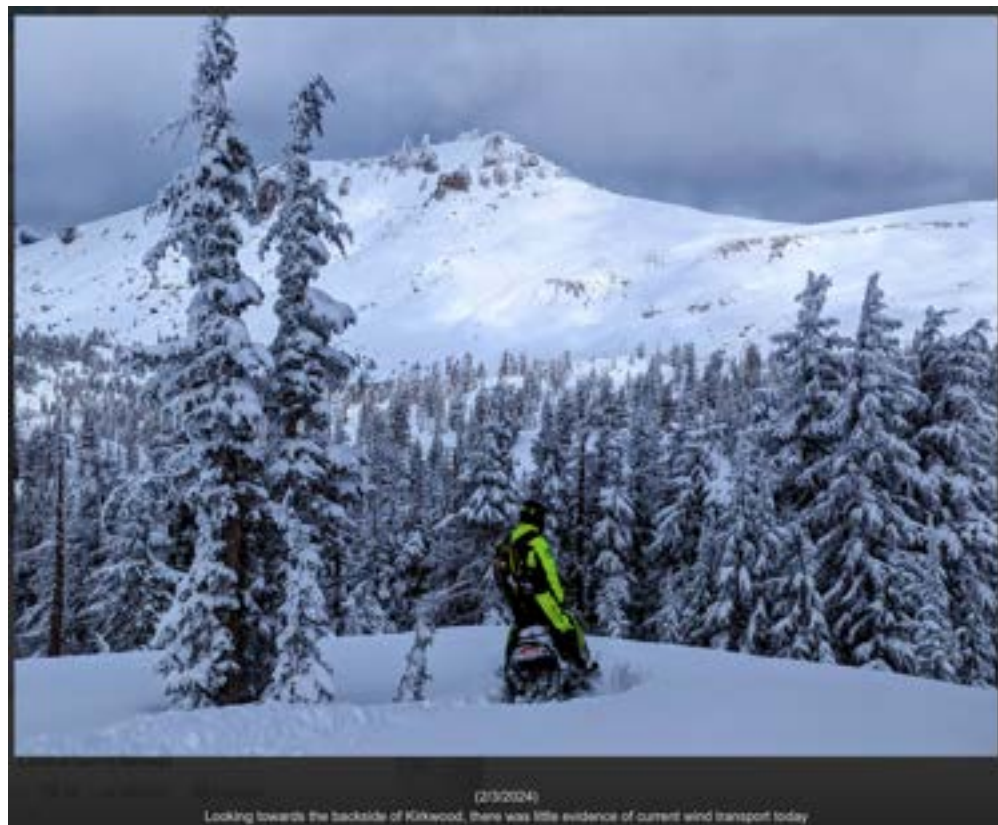
TO: NEVADA DEPT. OF CONSERVATION AND NATURAL RESOURCES
OFF-HIGHWAY VEHICLES PROGRAM
ATTN: KADEN BARMORE
901 S. STEWART STREET, SUITE 1003
CARSON CITY, NV 89701

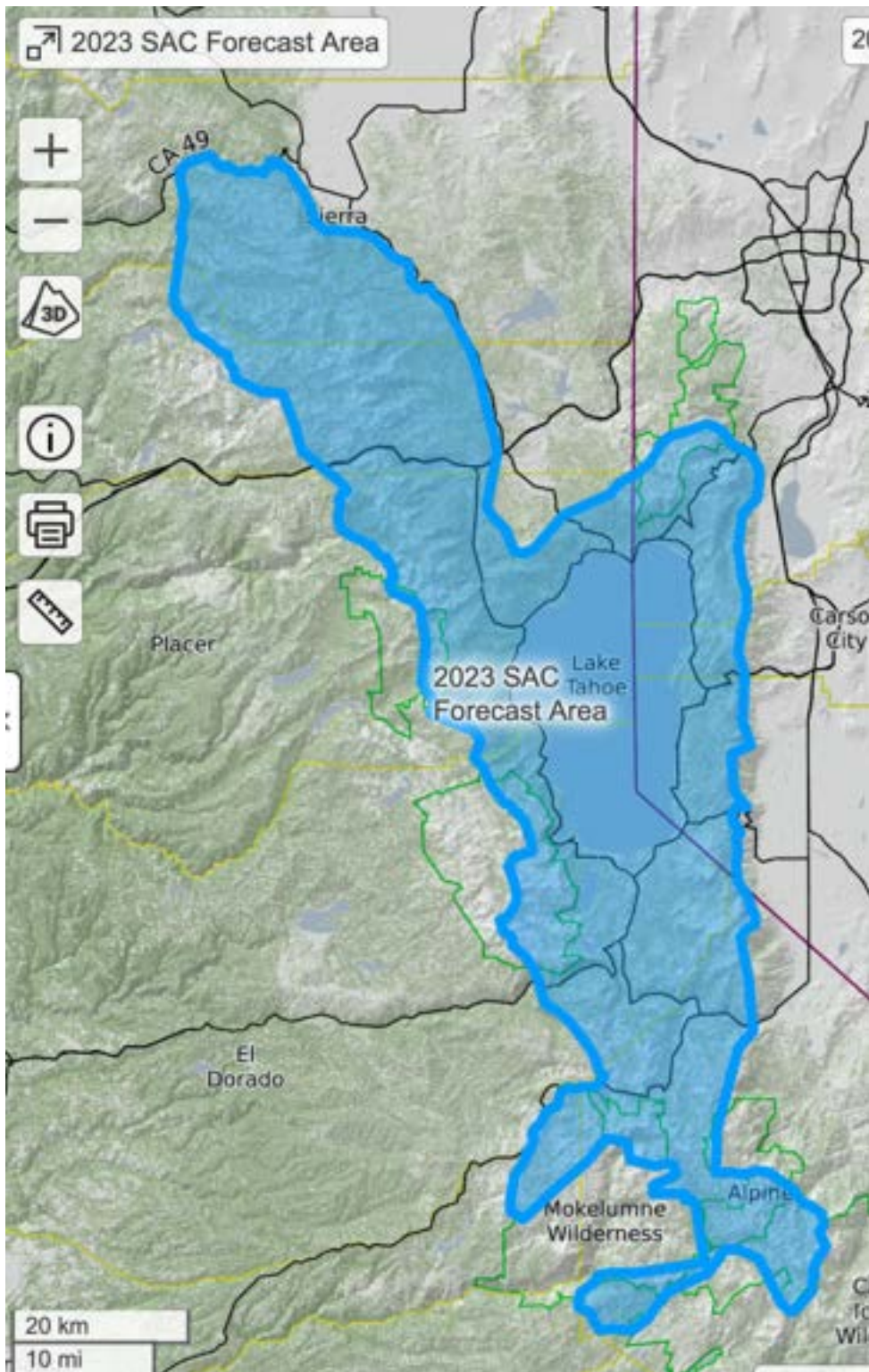
To request assistance in planning your project or for questions about the OHV Grant program, please contact

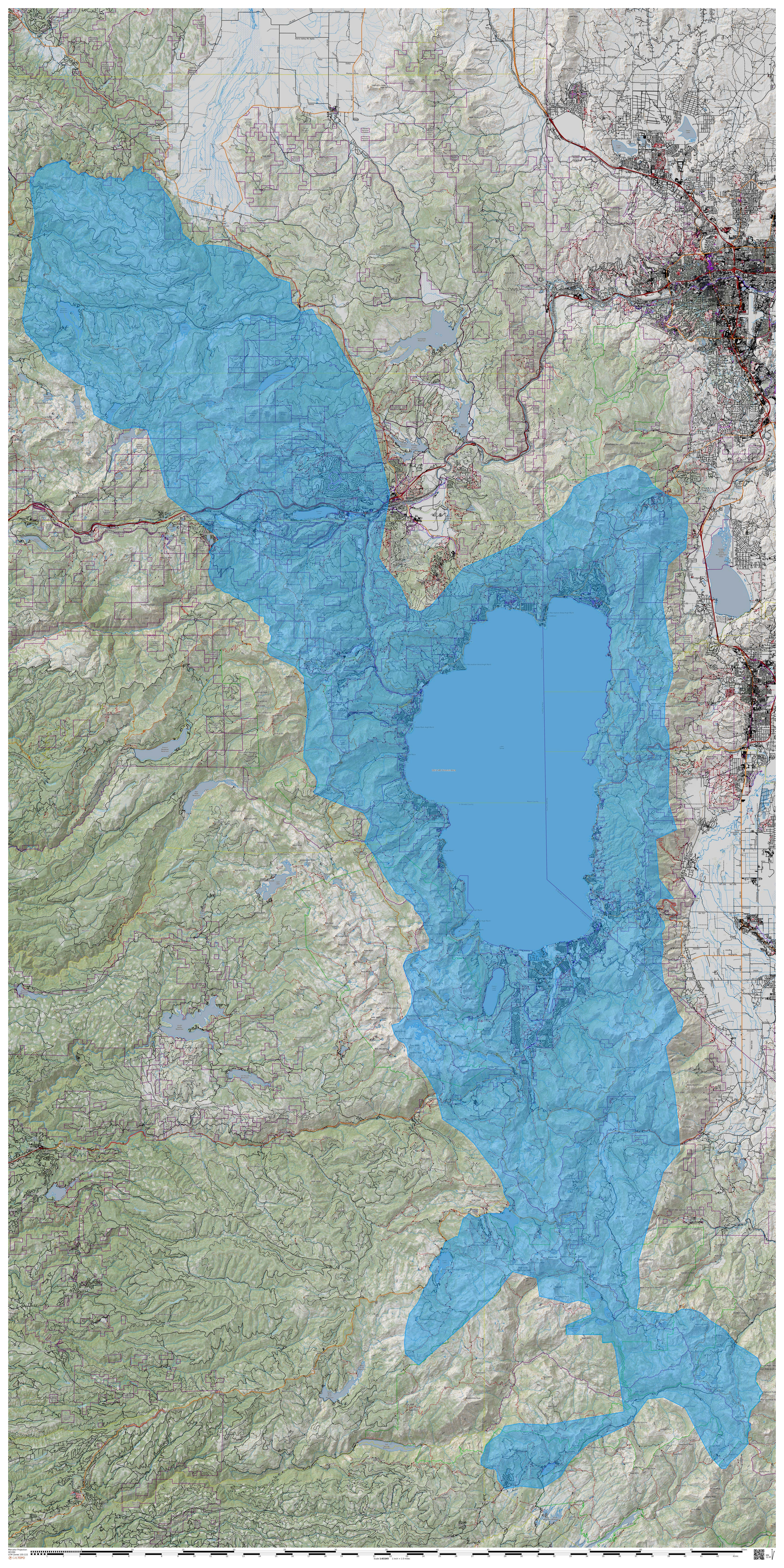
Kaden Barmore
KBarmore@ohv.nv.gov
(775) 684-2794

| SAC NV OHV 2024 Budget | | | |
|---|---------------------|---------------------|---------------------|
| Item Description | OHV Grant Request | Matching Funds | Total Cost |
| Contracts | | | |
| Forest Service Collection Agreement. Sierra Avalanche Center portion of USFS/SAC collection agreement that pays for 3/4's of three fulltime seasonal avalanche forecasters for two seasons, this is a lump sum check that SAC pays to the FS every season. Exact wages for each forecaster vary and are outside of SAC's control and oversight. This NV OHV Grant Request amount is 30% the total cost. | \$88,800.00 | \$207,200.00 | \$296,000.00 |
| Labor | | | |
| Professional Observers wages. Wages for three professional observers for two seasons: \$42hr x 5 hour day = \$210. \$60060 / \$210 = 1430 total hours / 5 hour day = 286 total observer days. This NV OHV Grant Request amount is 30% the total cost. | \$18,018.00 | \$42,042.00 | \$60,060.00 |
| Project Totals | \$106,818.00 | \$249,242.00 | \$356,060.00 |

Two snow/avalanche observation photos from our professional field staff.









Menu

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Registration Renewal & Mailing Address Updates

To submit renewal information and supporting documentation for an existing charity registration, review and complete and have ready all checklist items on the [Online Renewal System Checklist](#) page including checking account information to pay your renewal fee. Then, click on the [Renew Registration](#) link in the Menu on the upper left side of this page. Organizations will also be required to verify or update their mailing address.

To only update the registration address, use [Address Change](#).

ORGANIZATION NAME

SIERRA AVALANCHE CENTER

REGISTRATIONS

Charity Registration

| | | | |
|----------------------|-----------|----------------------|-----------|
| Registration Number: | CT0137074 | Registration Status: | Current |
| Issue Date: | 2/21/2008 | Renewal Due Date: | 2/15/2025 |



File Code: 1580
Date: February 12, 2024

Executive Director
Sierra Avalanche Center
11260 Donner Pass Rd. Ste. C1-PMB-401
Truckee, CA 96161

Dear Mr. Reichel:

The purpose of this letter is to provide support to and authorize the Sierra Avalanche Center, a 501(c)3 not-for-profit organization, to conduct a Snowmobile Avalanche Advisory, Education, Training, and Safety Program on the Carson Ranger District of the Humboldt-Toiyabe National Forest (HT). This program adheres to land management and public service goals of the HT by increasing avalanche awareness, education, and safety of HT visitors. Program activities on National Forest System lands may include signage, educational events, on-snow trainings, and public educational contacts.

The Sierra Avalanche Center's 2024 OHV Education and Safety grant would allow them to continue their motorized avalanche education classes and the daily avalanche forecasts on HT lands. These are critical resources to inform and help keep winter recreationalists safe.

Thank you for the Sierra Avalanche Center's continued and valued partnership with the Humboldt-Toiyabe National Forest.

If you have additional questions, please contact Brian Hansen, Recreation Officer, at brian.c.hansen@usda.gov or 775-224-9960.

Sincerely,

MATTHEW D. ZUMSTEIN
District Ranger





File Code: 2300
Date: February 14, 2024

David Reichel
Executive Director
Sierra Avalanche Center
11260 Donner Pass Road STE CI
P.O. Box 401
Truckee, CA 96161

Dear Mr. Reichel:

The USDA Forest Service, Lake Tahoe Basin Management Unit (LTBMU), supports the efforts of the Sierra Avalanche Center (SAC) to educate and promote safety awareness in our community and on those lands managed by the LTBMU. SAC, a 501 c (3) nonprofit organization, is authorized under a formal agreement with the Tahoe National Forest and jointly conducts winter safety programs on National Forest System (NFS) lands within the Lake Tahoe Basin. This is a letter of support for SAC's application for the 2024 State of California OHV Education and Safety Grant.

SAC's education and safety program supports National Forest land management goals of the LTBMU increasing avalanche awareness, and education and safety of our forest users, including the growing number of visitors accessing winter backcountry settings by snowmobile. SAC's 2024 CA OHV Education and Safety grant would allow SAC to continue avalanche education classes for motorized users and continue supporting the daily avalanche forecast on LTBMU managed lands. These are critical resources to inform and help keep winter recreationalists safe.

The LTBMU supports SAC as a key partner in its community outreach efforts including placement of avalanche advisory signage, distribution of educational brochures, conducting on-snow training, patrolling on snowmobiles, and projects supported through OSV and OHV program grants.

For additional questions regarding this matter, please contact Daniel Cressy, Public Services Staff Officer, at (530) 543-2675 or daniel.cressy@usda.gov.

Sincerely,

ERICK J. WALKER
Forest Supervisor

