

1. Project Description

A. Statement of GO Activity

The Cow Mountain Recreation Area is 51,513 acres and is located east of Ukiah. With few exceptions, Cow Mountain Recreation Area is entirely public lands managed by the Bureau of Land Management. Approximately half of the total public land acreage of Cow Mountain is in Lake County and half is in Mendocino County. The Knoxville Recreation Area is about 17,700 acres and is located southeast of Ukiah and directly north of Lake Berryessa. It is in Lake, Yolo, and Napa Counties.

Lands within the Cow Mountain Recreation Area were set aside by Congress in 1927 to manage and enhance recreation, wildlife and watershed activities. During the mid-1970s for management purposes, Cow Mountain was split into two parts: The South Cow Mountain area of approximately 23,000 acres to be managed for off-highway vehicles (OHV), and the North Cow Mountain area of approximately 28,000 acres to be managed for non-OHV recreation. Congress designated the Cow Mountain Recreation Area in October of 2006 as part of Public Law 109-362, also known as the Northern California Coastal Wild Heritage Act. A Recreation Area Management Plan (RAMP) is being prepared for the Cow Mountain Recreation Area. The Knoxville Recreation Area is managed primarily for OHV use with developed support facilities for camping and staging as well as 35 miles of maintained trails.

Shrinking budgets have resulted in maintenance of facilities being cut back, resulting in repairs being delayed or simply not done, less frequent trash collection, a litter-free environment no longer available at support facilities, fire pits not being maintained or cleaned, and vandalism damage left unrepaired and unmitigated. Cutting back brush that is encroaching on trails was also reduced due to budget shortfalls as was sign maintenance and replacement. In 2008, the Clear Creek Off-Road Vehicle Area was closed, displacing many off-road vehicle (ORV) users, who are now seeking alternative places to ride. South Cow Mountain and the Knoxville Recreation Area are the closest BLM managed ORV areas to the San Francisco Bay Area, Sacramento Metropolitan Area, and now for the former visitors to the former Clear Creek ORV Area. Use has significantly increased, exacerbating the conditions resulting from cutbacks in repair and maintenance of support facilities, brushing trails, and sign repair and replacement.

This grant would fund the installation of a webcam system, printing of existing visitor map, maintenance of developed sites, replacement of existing signs, removal of abandoned vehicles and dumped materials, and removal of brush encroaching on roads and trails designed for and supporting use of Off-Highway Vehicles in the Cow Mountain and Knoxville Recreation Areas. The two webcam systems would be installed at Cow Mountain at Westside Staging Area and Red Mountain Campground. This is in an effort to restore visitor safety, curb vandalism, and provide real time data on weather, parking conditions and seasonal closure conditions. Developed sites receiving maintenance would include: West Side Staging Area, Oakwood Springs Staging Area, Red Mountain Campground, and Buckhorn Campground, all in the Cow Mountain Recreation Area, and the North Staging Area and Hunting Creek Campground, both in the Knoxville Recreation Area. The funds would be used at developed sites for cleaning, re-stocking, repairing, and pumping vault toilets; for litter pick-up, ash removal from fire pits, and trash removal; and for general site repair and maintenance. Existing signs would be replaced as needed, usually due to the effects of time, weather, or vandalism rendering them unsightly or unreadable. Brush that has encroached on the trails and roads would be removed to allow safe passage by vehicles. Many of these are remote trails that are not easily reached. Portable brush chippers would be acquired to eliminate the unsightly practice of piling brush at the side of the trails and allowing it to remain until it decomposes. Some chippers could be towed behind an ATV, while others could be hand-towed along narrower trails. BLM match will be by a combination of direct labor expense, vehicle expense, hosted workers and volunteers, and dollars spent on supplies and materials. No surface disturbing activities will be involved and no sensitive species will be negatively impacted.

B. Relation of Proposed Project to OHV Recreation

All of the developed sites, signs, roads, and trails proposed for work are directly in support of OHV recreation and opportunities. The project would improve the quality of recreation opportunities and experience by improving the environment visitors have for staging, riding and driving, and camping in the recreation area. Trash would not be allowed

to accumulate at support facilities. Litter left along roads and piled next to facilities would be cleaned up, making a better recreation environment for the visitors to South Cow Mountain. Cutting back encroaching brush on the trails and roads would improve visitor safety by reducing accidents caused by limited line-of-sight. This type of maintenance is recurring, rather than a one-time need, and is essential for providing a high-quality OHV experience in this nationally recognized recreation area.

C. Size of the Project

Six developed support facilities, totaling approximately 15 acres, would be included in this project. They are: West Side Staging Area, Oakwood Springs Staging Area, Red Mountain Campground, and Buckhorn Campground, all in the Cow Mountain Recreation Area, and the North Staging Area and Hunting Creek Campground, both in the Knoxville Recreation Area. Abandoned vehicles, roadside cleanup (dumped trash) and hazmat would be removed along all 100 plus miles of roads, and within developed support facilities in both South Cow Mountain and Knoxville Recreation Area. Trail brushing would be accomplished on a total of approximately 60 miles of trails in South Cow Mountain and Knoxville Recreation Area.

D. Location and description of OHV opportunities

The South Cow Mountain Recreation Area is comprised of about 23,000 acres of public lands managed by the Bureau of Land Management (BLM), Ukiah Field Office (Ukiah FO). Access is via Mill Creek Road on the westside and Scotts Creek Road on the eastside, both county roads.

The South Cow Mountain RA contains about 100 miles of roads and trails open to OHV use. The primary access road through South Cow Mountain RA is Mendo-Lake Road, a California Back Country Discovery Trail. Mendo-Lake Road offers a unique sport utility vehicle (SUV) day trip from Ukiah to Lakeport with scenic panoramic views of Clear Lake and the surrounding mountains. The recreation area provides an extensive network of four-wheel drive (4WD), motorcycle, and ATV trails, ranging from most easy to difficult, and allows visitors to experience the backcountry with views of snow-capped mountains, scenic vistas, and wildlife viewing. Trail skill level is primarily focused on intermediate and advance trail experiences. Mendo-Lake Road (11.35 miles), "tot lot" (200 ft. x 200 ft), and the undeveloped area commonly referred to as the "walnut orchard" (2.5 acres) provide a beginner skill mix of level road and areas. The 4x4 safety course offers a specialized area to practice 4-wheel drive and climbing techniques. In addition to providing outstanding opportunities for casual OHV recreation, the South Cow Mountain Recreation Area is open for permitted OHV events.

Knoxville Recreation Area

The Knoxville Recreation Area is situated in a remote area of northern Napa County, southeast corner of Lake County, and northeast corner of Yolo County. Devil Head Road (in Napa County) is the primary access point from the south and Dunnigan Hill Road (in Lake County) is the access point from the north; both are open only to street legal vehicles. The recreation area is situated about 15 miles from the community of Lower Lake, and about 60 miles from Ukiah. The Knoxville RA is within a two to three hour drive of both Sacramento and the Bay Area, and makes up one of the largest blocks of public land available for year-around off-highway vehicle use in the region. The remote nature of the Knoxville area draws visitors to its extensive network of roads and trails, providing outstanding off-highway vehicle opportunities.

The recreation area contains about 52 miles of roads and trails open to off-highway vehicle use. Trails accommodate all skill levels.

Nearby OHV opportunities include the Mendocino National Forest which offers over 135 miles of trails of all skill levels, two campgrounds, Sled Ridge Trail (a National Recreation Trail), and several Backcountry Discovery Trails. The Mendocino National Forest is north of both South Cow Mtn and Knoxville and accessed from Highway 20.

2. Rerouting Requirements

Rerouting

- (a) Does your project involve rerouting of any roads and trails? Yes No

If response to question (a) is 'Yes', a Project timeline, conceptual drawings and site plans are required (See 'Attachments' tab at the top of the screen)

If response to question (a) is 'No', skip details related to rerouting

FOR OFFICE USE ONLY:

Version # _____

APP # 700112

1. **Project Timeline (Required if project includes necessary rerouting)**
2. **Conceptual Drawings and Site Plans (Required if project includes necessary rerouting)**
3. **Project-Specific Maps**
Attachments: [South Cow Mtn](#)
[Knoxville](#)
4. **Optional Project-Specific Application Documents**

FOR OFFICE USE ONLY:		Version # _____	APP # _____
APPLICANT NAME :	BLM - Ukiah Field Office		
PROJECT TITLE :	Ground Operations - Cow Mountain & Knoxville	PROJECT NUMBER (Division use only) :	
PROJECT TYPE :	<input type="checkbox"/> Acquisition <input type="checkbox"/> Development <input type="checkbox"/> Education & Safety <input checked="" type="checkbox"/> Ground Operations <input type="checkbox"/> Law Enforcement <input type="checkbox"/> Planning <input type="checkbox"/> Restoration		
PROJECT DESCRIPTION :	<p>The Cow Mountain Recreation Area is 51,513 acres and is located east of Ukiah. With few exceptions, Cow Mountain Recreation Area is entirely public lands managed by the Bureau of Land Management. Approximately half of the total public land acreage of Cow Mountain is in Lake County and half is in Mendocino County. The Knoxville Recreation Area is about 17,700 acres and is located southeast of Ukiah and directly north of Lake Berryessa. It is in Lake, Yolo, and Napa Counties.</p> <p>Lands within the Cow Mountain Recreation Area were set aside by Congress in 1927 to manage and enhance recreation, wildlife and watershed activities. During the mid-1970s for management purposes, Cow Mountain was split into two parts: The South Cow Mountain area of approximately 23,000 acres to be managed for off-highway vehicles (OHV), and the North Cow Mountain area of approximately 28,000 acres to be managed for non-OHV recreation. Congress designated the Cow Mountain Recreation Area In October of 2006 as part of Public law 109-362, also known as the Northern California Coastal Wild Heritage Act. A Recreation Area Management Plan (RAMP) is being prepared for the Cow Mountain Recreation Area. The Knoxville Recreation Area is managed primarily for OHV use with developed support facilities for camping and staging as well as 35 miles of maintained trails.</p> <p>Shrinking budgets have resulted in maintenance of facilities being cut back, resulting in repairs being delayed or simply not done, less frequent trash collection, a litter-free environment no longer available at support facilities, fire pits not being maintained or cleaned, and vandalism damage left unrepaired and unmitigated. Cutting back brush that is encroaching on trails was also reduced due to budget shortfalls as was sign maintenance and replacement. In 2008, the Clear Creek Off-Road Vehicle Area was closed, displacing many off-road vehicle (ORV) users, who are now seeking alternative places to ride. South Cow Mountain and the Knoxville Recreation Area are the closest BLM managed ORV areas to the San Francisco Bay Area, Sacramento Metropolitan Area, and now for the former visitors to the former Clear Creek ORV Area. Use has significantly increased, exacerbating the conditions resulting from cutbacks in repair and maintenance of support facilities, brushing trails, and sign repair and replacement.</p> <p>This grant would fund the installation of a webcam system, printing of existing visitor map, maintenance of developed sites, replacement of existing signs, removal of abandoned vehicles and dumped materials, and removal of brush encroaching on roads and trails designed for and supporting use of Off-Highway Vehicles in the Cow Mountain and Knoxville Recreation Areas. The two webcam systems would be installed at Cow Mountain at Westside Staging Area and Red Mountain Campground. This is in an effort to restore visitor safety, curb vandalism, and provide real time data on weather, parking conditions and seasonal closure conditions. Developed sites receiving maintenance would include: West Side Staging Area, Oakwood Springs Staging Area, Red Mountain Campground, and Buckhorn Campground, all in the Cow Mountain Recreation Area, and the North Staging Area and Hunting Creek Campground, both in the Knoxville Recreation Area. The funds would be used at developed sites for cleaning, re-stocking, repairing, and pumping vault toilets; for litter pick-up, ash removal from fire pits, and trash removal; and for general site repair and maintenance. Existing signs would be replaced as needed, usually due to the effects of time, weather, or vandalism rendering them unsightly or unreadable. Brush that has encroached on the trails and roads would be removed to allow safe passage by vehicles. Many of these are remote trails that are not easily reached. Portable brush chippers would be acquired to eliminate the unsightly practice of piling brush at the side of the trails and allowing it to remain until it decomposes. Some chippers could be towed behind an ATV, while others could be hand-towed along narrower trails. BLM match will be by a combination of direct labor expense, vehicle expense, hosted workers and volunteers, and dollars spent on supplies and materials. No surface disturbing activities will be involved and no sensitive species will be negatively impacted.</p>		

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
 Agency: BLM - Ukiah Field Office
 Application: Ground Operations - Cow Mountain& Knoxville

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
DIRECT EXPENSES							
Program Expenses							
1	Staff						
	Maintenance Worker Notes : Illegally dump cleanup, sign ordering, sign replacement installation, vandalism repair, etc.	5.000	7500.000	MOS	20,000.00	17,500.00	37,500.00
	Other-Park Ranger Notes : Coordinate volunteer events, coordinate abandoned vehicle removal, site cleanup, vandalism repair, etc.	5.000	7500.000	MOS	20,000.00	17,500.00	37,500.00
	Other-Supervision	1.000	7500.000	MOS	5,000.00	2,500.00	7,500.00
	Other-volunteer labor Notes : crew of 3 for 8 hrs per day for 10 days	240.000	19.510	HRS	0.00	4,682.00	4,682.00
	Other-Hosted worker labor Notes : Crew of 12 with 10 hr days for 20 days	2400.000	19.510	HRS	0.00	46,824.00	46,824.00
	Other-Recreation Planner	12.000	7500.000	MOS	45,000.00	45,000.00	90,000.00
	Total for Staff				90,000.00	134,006.00	224,006.00
2	Contracts						
	Other-Restroom Maintenance Notes : Includes such items as restroom cleaning and restocking, dispersed litter pickup in recreation site, campfire pit cleaning, trash removal, etc.	12.000	4500.000	MOS	54,000.00	0.00	54,000.00
	Other-Miscellaneous Notes : Vehicle Removal, toilet vault pumping \$300 per vault twice per year, hosted worker crew \$225 per day for 20 days.	20.000	550.000	DAY	11,000.00	0.00	11,000.00
	Total for Contracts				65,000.00	0.00	65,000.00
3	Materials / Supplies						

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
 Agency: BLM - Ukiah Field Office
 Application: Ground Operations - Cow Mountain& Knoxville

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Janitorial Notes : chemicals for restroom vaults, paint, TP, etc.	12.000	250.000	MOS	3,000.00	0.00	3,000.00
	Other-concrete patch, signs, etc.	12.000	830.000	MOS	9,960.00	0.00	9,960.00
	Other-Concrete picnic tables Notes : Replace existing picnic tables and fire rings. Crane used to set in place.	5.000	1000.000	EA	5,000.00	0.00	5,000.00
	Other-Concrete fire rings	5.000	650.000	EA	3,250.00	0.00	3,250.00
	Other-webcams Notes : 50mm lens \$420;IP Camera - 5MP IR \$ 3,900;Weather Module \$ 360; Heavy duty outdoor enclosures and mounts \$750;Video Server \$500;100 ft. Video Cable \$120; 16 camera software \$ 300; Cable/DSL Router \$160; Solar IR Light \$ 1,000; Solar power system for cams \$12,000; Cell Phone Air Card \$ 260; Air Card fee (annually) \$1440; 1.5 TB Internal hard drive \$ 400.	3.000	7204.000	EA	21,612.00	0.00	21,612.00
	Total for Materials / Supplies				42,822.00	0.00	42,822.00
4	Equipment Use Expenses						
	Other-vehicles- truck & ATV	12.000	300.000	MOS	3,600.00	0.00	3,600.00
	Other-Motorcycles (2) Notes : Maintenance/repairs on monitoring motorcycles (2): work such as tires, tune ups, tire replacement, general servicing, repair as needed, etc.	2.000	2200.000	PKG	4,400.00	0.00	4,400.00
	Total for Equipment Use Expenses				8,000.00	0.00	8,000.00
5	Equipment Purchases						
	Other-portable chipper, gloves, hand too	12.000	500.000	MOS	6,000.00	0.00	6,000.00
6	Others						
	Printing	1.000	2800.000	EA	1,500.00	1,300.00	2,800.00

Project Cost Estimate for Grants and Cooperative Agreements Program - 2008/2009
 Agency: BLM - Ukiah Field Office
 Application: Ground Operations - Cow Mountain & Knoxville

6/2/2009

	Line Item	Qty	Rate	UOM	Grant Request	Match	Total
	Notes : Re-printing of existing Cow Mtn map. \$2,800 for 8,000 maps -last printing in late 2008						
7	Administrative Costs						
	Administrative Costs-administer contract	1.000	7500.000	MOS	5,000.00	2,500.00	7,500.00
Total Program Expenses					218,322.00	137,806.00	356,128.00
TOTAL DIRECT EXPENSES					218,322.00	137,806.00	356,128.00
TOTAL EXPENDITURES					218,322.00	137,806.00	356,128.00

Project Cost Summary for Grants and Cooperative Agreements Program - 2008/2009
 Agency: BLM - Ukiah Field Office
 Application: Ground Operations - Cow Mountain & Knoxville

6/2/2009

	Line Item	Grant Request	Match	Total	Narrative
DIRECT EXPENSES					
Program Expenses					
1	Staff	90,000.00	134,006.00	224,006.00	
2	Contracts	65,000.00	0.00	65,000.00	
3	Materials / Supplies	42,822.00	0.00	42,822.00	
4	Equipment Use Expenses	8,000.00	0.00	8,000.00	
5	Equipment Purchases	6,000.00	0.00	6,000.00	
6	Others	1,500.00	1,300.00	2,800.00	
7	Administrative Costs	5,000.00	2,500.00	7,500.00	
Total Program Expenses		218,322.00	137,806.00	356,128.00	
TOTAL DIRECT EXPENSES		218,322.00	137,806.00	356,128.00	
TOTAL EXPENDITURES		218,322.00	137,806.00	356,128.00	

FOR OFFICE USE ONLY:	Version # _____	APP # 700112
----------------------	-----------------	--------------

ITEM 1 and ITEM 2

ITEM 1

- a. ITEM 1 - Has a CEQA Notice of Determination (NOD) been filed for the Project? Yes No
(Please select Yes or No)

ITEM 2

- b. ITEM 2 - Are the proposed activities a "Project" under CEQA Guidelines Section 15378? Yes No
(Please select Yes or No)
- c. The Application is requesting funds solely for personnel and support to enforce OHV laws and ensure public safety. These activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. Yes No
(Please select Yes or No)
- d. Other. Explain why proposed activities would not cause any physical impacts on the environment and are thus not a "Project" under CEQA. DO NOT complete ITEMS 3 – 9

ITEM 3 - Impact of this Project on Wetlands

The nearest navigable water is more than 10 miles, wetlands are more than 30 miles, and sensitive habitats and species are more than 10 miles away.

ITEM 4 - Cumulative Impacts of this Project

Cumulative impacts are not anticipated as the ground disturbance for each of the solar panels will be less than 5x5 ft. area. Upon success, it can be expected that the 1-2 more webcam systems would be installed. Again, with similar amounts of ground disturbance. These would be near developed facilities/campgrounds which are in previously disturbed areas.

ITEM 5 - Soil Impacts

Soil disturbance will be within a 5x5 ft area for the installation of the solar panels. Neither location is on steep slope or extremely erosive soils.

ITEM 6 - Damage to Scenic Resources

Neither Westside Staging Area or Red Mtn. Campground is within the viewshed of a designated state scenic highway.

ITEM 7 - Hazardous Materials

- Is the proposed Project Area located on a site included on any list compiled pursuant to Section 65962.5 of the California Government Code (hazardous materials)? Yes No
(Please select Yes or No)

If YES, describe the location of the hazard relative to the Project site, the level of hazard and the measures to be taken to minimize or avoid the hazards.

ITEM 8 - Potential for Adverse Impacts to Historical or Cultural Resources

- Would the proposed Project have potential for any substantial adverse impacts to historical or cultural resources? Yes No
(Please select Yes or No)

If YES, describe the potential impacts and for any substantially adverse changes in the significance of historical or cultural resources and measures to be taken to minimize or avoid the impacts.

ITEM 9 - Indirect Significant Impacts

No significant impacts are anticipated by the installation of the webcams. The webcam system should positively impact resources by preventing visitors from driving to the area only to find it the area close due to precipitation.

CEQA/NEPA Attachment

Attachments:

[NEPA Categorical Exclusion](#)

FOR OFFICE USE ONLY: Version # _____ APP # 700112

1. Project Cost Estimate - Q 1. (Auto populates from Cost Estimate)

1. As calculated on the Project Cost Estimate, the percentage of the cost of the Project covered by the Applicant is 3

(Check the one most appropriate) (Please select one from list)

- 76% or more (10 points)
 51% - 75% (5 points)
 26% - 50% (3 points)
 25% (Match minimum) (No points)

2. Failure to Complete - Q 2.

2. Failure to complete the Project would result in: 8

(Check all that apply) : Maximum of 8 points (Please select applicable values)

- Loss of OHV Opportunity (6 points)
 Negative impact to cultural sites (2 points)
 Damage to special-status species or other sensitive habitat (2 points)
 Potential trespass (2 points)
 Additional damage to Facilities (1 point)

Explain each statement that was checked

Without this project, facilities would continue degrade and be damaged and many OHV opportunities will be lost. Trails will become impassable and need to be closed due to encroachment of dense brush. Frustrated OHV riders will pioneer new trails, trespassing on private lands and damaging sensitive meadows, riparian areas, and wetland habitats. Sign loss will continue. Riders will stray from mapped trails and may become lost. Campgrounds and staging areas will suffer increased trash and litter and unsanitary conditions in restrooms. Destructive behavior involving vehicles and firearms will continue and damage restrooms, loading ramps, barriers, tables, and other facilities.

3. Sustain OHV Opportunity - Q 3.

3. The Project would sustain OHV Opportunity by 12

(Check all that apply) (Please select applicable values)

- Maintaining trail or road tread (5 points)
 Installing or repairing erosion control features (3 points)
 Providing traffic control and/or educational signage (3 points)
 Maintaining multi use (ATV, Dirt Bikes, 4x4, etc) (1 point)
 Providing varied levels of riding difficulty (1 point)

Explain each statement that was checked

OHV trail and road treads will be maintained through removal of brush encroaching to the point of closing the trails for all OHV types and at all levels of difficulty. More trail tread will be useable which will result in less wheel-rut or centerline wear on the trail, less soil loss from erosion, and less need for mechanical maintenance of the trail tread. Two-way trails and mixed vehicle type trails will be more useable. Providing public maps and replacing signs will improve traffic control and directional information, maintain a high quality OHV experience, and reduce private property trespass.

4. Public Input - Q 4.

4. The Project was developed with public input employing the following 2

(Check all that apply) : Maximum of 2 points (Please select applicable values)

- Meeting(s) with the general public to discuss Project (1 point)
- Conference call(s) with interested parties (1 point)
- Meeting(s) with stakeholders (1 point)

Explain each statement that was checked

A public meeting was held in Ukiah, CA, on March 26, 2009, with over 40 in attendance. Individuals and organized groups attended, reviewed, and commented on this draft project. Modifications were made as a direct result of that meeting and the public input it generated. Meetings with individual stakeholders regarding OHV event proposals and permit applications included discussions of OHV grant needs and items that should be included in this project proposal. Staff answered questions from individuals and stakeholders regarding the grants via phone calls prior to and after the public meeting.

5. Utilization of Partnerships - Q 5.

5. The Project will utilize partnerships to successfully accomplish the Project. The number of partner organizations that will participate in the Project are 4

(Check the one most appropriate) (Please select one from list)

- 4 or more (4 points)
- 2 to 3 (2 points)
- 1 (1 point)
- None (No points)

List partner organization(s):

Ridge Raiders 4x4 club, Mendocino 4x4, Sonoma County Sport Cycle Association, North Bay Motorcycle club, Ross Liberty, Matt Finnegan.

6. Impact to Natural and Cultural Resources - Q 6.

6. The Project will avoid and/or minimize impact to natural and cultural resources by 5

(Check all that apply) : Maximum of 7 points (Please select applicable values)

- Maintaining physical barriers to control OHV use (1 point)
- Protecting water quality (1 point)
- Providing bridges instead of wet crossings where appropriate (1 point)
- Protecting special-status species (1 point)
- Re-routing trails to divert away from riparian/wetlands areas (1 point)
- Providing sanitary facilities (1 point)
- Protecting cultural site(s) (1 point)
- Site design precludes the need for the above measures (7 points)

Explain each statement that was checked

Physical barriers will be repaired and maintained. These prevent OHV riders from pioneering trails, which generally cross streams and impact cultural sites. Maintaining the existing bridges and culverts at wet crossings protects water quality locally and in Clear Lake, which has a sediment load TMDL. Vault toilets at campgrounds and staging areas also protect water quality. Removal of abandoned vehicles and illegally dumped material, and the wet weather closure policy, protects water quality and minimizes downstream sediment load. Signs and maps direct riders to the designated routes, which avoid known cultural sites and have bridge/culvert crossings where water is present.

7. Recycled Materials - Q 7.

7. The Project incorporates recycled materials by utilizing 1

(Check all that apply) (Please select applicable values)

- Barrier materials which include recycled content or materials obtained onsite (1 point)

- Signs, sign posts or education kiosks which use products with recycled content (1 point)
- Erosion control features which use materials with recycled content (1 point)
- Paper used for trail maps which includes recycled content (1 point)
- Other products with recycled content (Specify) (1 point) [Toilet paper supplied uses recycled paper, cans and bottles are separated from l]

8. Sustainable Technologies - Q 8.

8. The Project makes substantial use of sustainable technologies such as 4

- Alternative fuel vehicles and equipment
- Renewable energy sources (e.g., solar, wind)
- Low volatile organic compound emission materials (e.g., paint, sealants, carpet)
- Low flow plumbing fixtures
- Water efficient landscaping

(Check the one most appropriate) (Please select one from list)

- No (No points) Yes (4 points)

Explain 'Yes' response

Water use is greatly conserved as the restrooms are vault type, rather than flush type which require a continuous water supply. The vaults will be pumped once to twice per year as part of this project. Cleaning solutions are in hand-pump spray bottles that are re-filled rather than aerosol or single use sprayers. All native species are used to replace lost vegetation, which requires no watering system and is therefore water efficient landscaping. Webcams for public use and for monitoring purposes will all be 100% solar powered.

9. Motorized Access - Q 9.

9. The Project improves and/or maintains facilities that provide motorized access to the following non-motorized recreation opportunities 6

(Check all that apply) Scoring: 2 points each, up to a maximum of 6 points (Please select applicable values)

- | | |
|---|---|
| <input checked="" type="checkbox"/> Camping | <input checked="" type="checkbox"/> Birding |
| <input checked="" type="checkbox"/> Hiking | <input checked="" type="checkbox"/> Equestrian trails |
| <input type="checkbox"/> Fishing | <input type="checkbox"/> Rock Climbing |
| <input checked="" type="checkbox"/> Other (Specify) [dog training, hunting, wildlife viewing] | |