

# Rubicon Trail 2018 Annual Report

Report Prepared by Vickie Sanders & Justin Williams

Report of maintenance activities, volunteer projects and summary of the 2018 Rubicon season.

# Rubicon Trail 2018 Annual Report

2018 was an awesome year for the Rubicon Trail. Improvements were completed at Winter Camp, SMUD bypass and many other spots along the trail. 2018 was a below normal rain year. Snow pack was low and we had no seasonal closures. Traffic was very heavy on the trail this year and there was a lot of off-trail travel. The County has taken some action to prevent this in 2019. The user community really stepped up this year. The County put the project list on the website and anyone could adopt a project. This became a very positive move for the County. We had group, individuals and clubs complete projects. All of the activities are descripted below. But I want to thank everyone for their contributions. For me this trail has always been about the people and the community. Once again I have not been disappointed.

## **Adopt a Trail Program**

Fifteen different segments were established in 2014 and adopted. There was a bit of movements this year with adopt a trail program, there were 2 segments that needed to be filled and they were filled by 2 great groups. Jeep USA adopted segment 13 the Big Sluice and the Hangtown Night Krawlers also stepped up to the task of adopting segment 5 Ellis Creek, which has the most best management practice (BMP'S) of any segment on the El Dorado County side of the trail. Top Gun who has adopted the Francis Cow Camp segment since the conception of the program, gave up their segment this year. They will be missed and their years of service and participation are greatly appreciated. Thank you Top Gun and to Mud Suckers 4WD who has claimed the segment.

This was a good year for the Adopt a Trail program. Justin was available and assisted when requested. Communication is the key. It was nice to hear from the various groups when they needed assistance and when the reports did not make sense. In 2019 we will be doing an audit and assessment of the BMP's installed. This should make the data and maps in 2020 much better. We are looking at an app for the smartphone that will allow you to find the data point and record the information. Once you exit the trail and have a signal you will be able to send that information into us. That is why we are looking to true up the BMP's.

The sediment removed in 2018 was 13.90 cubic yards which was the result of 556 buckets worth of sediment removed by volunteers and the California Conservation Corps. You can see in the chart below the comparison chart.

| Year | Number of Buckets | Cubic Yards of Sediment<br>Removed | Year Type   |
|------|-------------------|------------------------------------|---|
| 2014 |                   | 5.51                               | Drought year                                      |
| 2015 | 620               | 15.52                              | Drought year, warm temps, lack of snow pack       |
| 2016 | 436.5             | 10.91                              | Average snow pack, large rainfall amounts in fall |
| 2017 | 678.50            | 16.96                              | Well above average                                |
| 2018 | 556               | 13.90                              | Below normal                                      |

Below is a recap of all fifteen segments as reported by the Adopt a Trail volunteers.

1. The Francis Cow Camp segment was adopted by Mud Suckers 4WD. This segment of the trail is from Airport Flats turn off to Wentworth Springs camp ground. All BMP's in this segment were identified and there are a few that will need some work next year. These areas that require work were not red in their assessment, meaning they needed to be addressed immediately. County staff would have assisted or completed the work if that was the situation. This was the Mud Suckers first year with this program and the County realizes there is a learning curve to this program. 2019 they will address the areas of concern and are very excited to get the work done.

The assessment for this segment was completed October 19, 2018 by Mud Suckers 4WD and Justin Williams.

No photos available.

2. The Wentworth Springs segment of the trail was adopted by Madhatter's 4X4 club. This segment of the trail is from Wentworth Springs campground to the Intertie. The improvements on this segment of the trail are functioning as designed. There were 143 five gallon buckets that equate to 3.58 cubic yards of sediment removed from the RED's in this section. There were also a few downed trees removed. After 64 hours of volunteer work, all RED's where clean, trees removed and no problems were seen or noted for this section.

The assessment and maintenance for this segment was completed on July 28th.



3. The Loon Lake Intertie #1 segment was adopted by The Gate Keepers Jeepers. It goes from the Loon Lake Kiosk to Whale Bones. There were many different improvements made to this segment of the Trail.

After a total of 112 hours of volunteer work, a total of 153 five gallon buckets that equate to 3.83 cubic yards of sediment was removed from the existing RED's by The Gate Keepers Jeepers.

The assessment for this segment was completed on July 17, 2017.

From the County project list for 2018 this group also tackled the project in the bowl at the steps on the north side of the bowl headed back up towards Whale Bones. There was much discussion on how to fix the issues of this area with many groups of trail users and volunteers. With all of the information gathered from all of these discussions it was decided to use rocks that were scattered around the area to fix the issue rather than using concrete. This group dug the area out and placed rocks in the location before the step up. This fix held all year and was a great project. The photos below are from that project.





4. The Loon Lake Intertie #2 segment from the Whale Bones to the Intertie with the Rubicon Trail. This segment was adopted by Auburn Jeep Club. This segment also has granite slabs that were treated with Bio Response for spills. 40 five gallon buckets that equate to 1.0 cubic yards of sediment were removed from this segment.

The assessment for this segment was completed on July 6, 2018.

No photos available.

5. The Ellis Creek segment of the Rubicon Trail is from the Intertie to below Walker Rock. This segment was adopted by Hangtown Night Krawlers. This was this group's first year. This segment of the Rubicon Trail has the most Rock Energy Dissipaters (RED's) of any other segment with 12 RED's and 115 BMP's. Sediment captured and removed from this section was 220 five gallon buckets that equate to 5.50 cubic yards. After 90 hours of volunteer work all RED's were cleaned and ready for winter.

The assessment to this segment was on May 19, 2018.



6. The Walker Hill segment is from below Walker Rock to the Benchmark above Walker Hill. This segment is adopted by Rusty Folena and Hangtown Crawlers.

The RED's were cleaned out. 40 five gallon buckets of sediment was removed from the RED at the bottom and 25 buckets of rock was added to enforce the lead off ditch to the RED. The RED at the top was cleaned out twice during the year but the bucket amounts were not reported.

The assessment and maintenance for this section were done by the Hangtown Crawlers on September 29, 2018.

No new photos available.

7. The Soup Bowl segment is from the crest above Walker Hill to Winter Camp and was adopted by MTA. It has been reported that the existing improvements to the trail are still working as designed.

This group did delineate the trail behind Soup Bowl by placing rocks and logs to create the barrier from any off trail travel.

The delineation project was on June 2, 2018 and the assessment for this section was completed on June 15, 2018.

No photos available.

8. The Little Sluice segment goes from Winter Camp to the property line at Spider Lake. SLO Crawlers adopted this segment of trail and have performed maintenance to this area for several years now. Winter Camp is in this segment. They moved rocks that were placed from the helicopter to armor the breast walls and form drainage down the left side of the trail. After 84 hours of volunteer work all BMP's were identified and this segment was ready for winter.

The assessment was completed on July 20, 2018.

9. The Arnold's Rock segment is located from the property line at Spider Lake to Egg Rock (Indian Bypass) and was adopted by Russ and Janice Watkins.

After 22.5 hours of volunteer work all BMP's were identified and described as working properly and in no need of repair or service. Janice spent a lot of time with photo documentation of how the area has changed since the photos taken in 2010.

The assessment in this section was completed on August 19, 2018.





10. The Old True Big Sluice segment is from the Old Sluice turn off to Egg Rock was adopted by Placer County Crawlers. There are no RED's in this segment. This segment of the trail looks great and all BMP"s is functioning as designed.

The assessment and maintenance was completed XXX.

No new photos available.

11. The Mechanic's Pit segment is from Egg Rock to the Buck Island Dam and was adopted by Kenny Prince with ECV. The BMP's to this section were functioning as designed. An improvement was made to a rock ditch crossing and the drainage leading to it. They removed logs and rocks from the drainage so it would flow correctly and added rock to armor across the trail. Bio-response was also applied to areas as

needed. After 112 hours of volunteer work all BMP's were identified and improvements done and ready for winter.

The assessment and maintenance for this section was completed September 15, 2018.



12. The Buck Island segment is located from Buck Island Dam to the Dive Off. This section was adopted by El Dorado Rock Crawlers/Daystar Products. The BMP's are functioning as designed.

After 104 volunteer work hours an additional Rubicon Rest stop was constructed at Buck Island. Bio-Response was applied around Buck Island and picked up garbage.

The assessment was completed by EDRC on May 19, 2018.



13. The Big Sluice segment is located from the Dive Off to Sawtooth and was adopted by Jeep USA. This is the first year that this group has been involved. In 2019 staff will work closely with them on this segment. The County dropped rock in the area of hairpin which was an area of concern. There are no other concerns at this time. We will assess in early 2019.

The assessment was Justin Williams on April 30, 2018.

14. The Rubicon Bridge segment is from Sawtooth to the Rubicon Bridge and has been adopted by Metal Cloak. Metal Cloak has had a difficult time with this segment. They have teamed up with Amy Sagraves to assist. Amy had questions after the assessment but County staff and Amy were unable to find a time to meet on location to discuss. We will assess in 2019.

The assessment was completed by Amy Sagraves on June 16, 2018.

## No phots available.

15. The Rubicon Springs segment is located from the Rubicon Bridge to the County Line and it was adopted by Jeepers Jamboree. Jeepers Jamboree inspected this segment in July and found this segment needed no major repairs. All BMP's were functioning as designed. It was noted in last year's inspection that rock was needed in several location. With the help of the helicopter, rock was added to property line and stockpiles at Rubicon Springs and Sawtooth for future projects.

The assessment was completed by Kevin Arnold on July 21, 2018.

## 2018 Project List

2018 we did things differently with our trail project list. The project list was on our website and projects were claimed by groups, clubs and individuals. We had great success with this and will continue doing things this way for the years to come. Some of the projects were in our Adopt a Trail groups segments and were mentioned above.

Projects that were not done by adopt a trail groups were:

- The restroom at Ellis Creek needed the floors painted and Auburn Jeep Club
  (AJC) was the group who claimed and successfully completed that project. AJC
  is an adopt a trail group but this project was outside of their adopted segment.
  Thank you AJC for taking on another project.
- The kiosk at the Loon lake trail head was in need of paint as well. The Greene
  Acres group stepped up for this project. While painting the building, they also
  replaced the door, which was damaged from a break in the year prior. This was

another wonderful project and the kiosk looks good as new. Thank you to everyone that worked on this project.



The trail is in good hands with all the volunteers and people looking out for each other and the overall health and wellbeing of the Rubicon Trail.

### Volunteer

## Steak and Stories

The 2<sup>nd</sup> Annual Steaks and Stories event was held on August 18, 2018. Property owner on the Rubicon Trail Tim Green once again did an outstanding job with outreach and participation. It was estimated 602 people were in attendance. This event is an effort to educate the new users on expected behavior on the Rubicon. It was also to unite previous users and groups to come together for the benefit of the trail. The response has been overwhelming. Attendance doubled this year which means twice as many people heard about the event and it was a must attend event for the benefit of the trail. This year's raffle prizes were given out by donors who were not asked to donate but called Mr. Green and asked what they could do. So everyone was given a raffle ticket at no charge and many prizes were given out. Once again I attended as an individual to show my support of the effort. It is very heartwarming for me to hear the topics of discussion and educational messages coming from so many users. This event is all about the trail and doing the right thing.





## **Pirates Annual Clean Up**

This year was the 21st Annual Pirates Clean Up on October 13, 2018. There were a few complaints about how bad Buck Island Lake was with regards to trash and white flowers. The Pirates were awesome and split the club up with some going to Buck and others working from kiosk to Spider. The group that went to Buck was pleasantly surprised at how it looked when they arrived. Trash was limited and whereas the restroom units were full there were minimal white flowers. About 4 bags of trash were removed from this area. Bio-response was applied to this area for the last time of the season.

The other group treated the granite bowl with bio-response and removed any trash that was found. Overall the project did exactly what the group has always strived for, to clean up the trail before the winter. This group allowed the County to come along with them on this event. The County appreciates the 21 years that this group has dedicated to the Rubicon and how they have assisted the County with projects and issues. Working with the community has been very valuable to the trail.

## **County Activities**

## **Helicopter Project**

On April 29<sup>th</sup> the County started the helicopter project for the Rubicon. Siller Brothers Helicopters from Yuba City was hired and they do an outstanding job. Doug Veerkamp provided the services at the addit loading the rock buckets and providing water trucks. Two volunteers, Tim Green and Mike Elrod were a huge asset to the project. They

provided radio communications throughout the project. We were able to communicate with the volunteers on the trail, the helicopter and the ground crew loading the rock buckets. We were alternating between various size rocks and different locations. These two were able to keep everyone straight. Thank god.

In a project like this, the sites are identified and prioritized. Three sizes of rock were used this time, medium, large and boulders. Once staff and volunteers are on-site things can change quickly. For example, the sites beyond SMUD Bypass were not on the list. Once the crews were on the trail, I was informed of other areas that were concerns. Once SMUD Bypass was complete staff went to those sites and reported back the needs. I based my decisions on staff's report and the fact that some of these sites are so far into the trail that there is no other way to get materials to the locations. With staff on-site we had to add locations for rock drops which ultimately mean some sites will not get done. The most important sites were completed and we worked from the back of the trail forward. This leaves the areas not completed at the beginning of the trail which means we can get rock to those locations by other means. Even though it is not as efficient it can be done. This also illustrates why the logistics and radio volunteers had their work cut out for them. Sites were moving and materials sizes changed at every location.



# **Rock Drop Location**

**Winter Camp**-On October 15, 2017 chain link fencing was installed in Winter Camp by laying it down and hog ringing it together in the area of Winter Camp by staff with the help of volunteers. This application has been done previously on an area of Witer Camp to see if it would work. It has proven to be an effective method to address this area. Between April 30 2018 and May 3, 2018 39 loads of large rock and 6 loads of meduim rock was dropped on the fencing that was in place; 487,500 pounds of rock was used at this location. The area filled was 20' wide by 125' long and 2' deep. John Arenz, trail volunteer and property owner was at Winter Camp until this location was completed. Thank you John for all your help



Before and after photos at Winter Camp

**SMUD Bypass-** Justin Williams, Chris Watts and Aaron Kinley all County employees built the large gabion at SMUD Bypass. If you take the low line at this location it would appear to be the easiest line but in reality it is the worse spot to be in. Vehicles have rolled into the vegetation which has stopped them from rolling down the hill into Buck Island Lake. A large gabion was built on the low section which prevents the tipping hazard and the threat of rolling. The gabion was topped with rock. 3 large loads, 5 medium loads; 90,000 pounds of rock was used at this location.



Fencing was rolled out for gabion, rock was dropped on fencing then fencing is rolled over and pinned. Additional rock is added on top of gabion. This gabion elevated the low area by 3'.

**Hairpin after Buck Island-**This was a location that had not been identified in the previous soils plan but once we were onsite the sediment in this locaiton required rock to be added.



**Gabion near Arnolds-**The hillside at this location was starting to erode away. This gabion will support the hillside and keep the trail in the easement that was granted.





**Drop before Soup Bowl-**Large rock was added to the left line at this location. Very large boulders were added to the right line and dropped in between the rocks.



Left side of the drop before Soup bowl



Right line of the drop before Soup Bowl

**Cell Phone Tree-**The side hill of Cell Phone Tree had started to erode. A gabion was built in 2017 and in 2018 the rock was added on top of the gabion with the assistance of the helicopter.



Gabion at Cell phone tree after rock was dropped by helicopter

# Water bar between 1.6 and the FOTR crossing.



2 load of medium rock was dropped in this location 22,000 lbs. of rock.

# **Walker Hill**



3 loads of large rock were dropped at Walker Hill to fill in the holes and reduce sediment. A total of 34,500 lbs. of rock was dropped at this location

# **Rock Garden on the Intertie**



Only one load of large rock was dropped at this location. This area needs more rock but there was not enough time. 11,500 lbs. of rock was added to this location

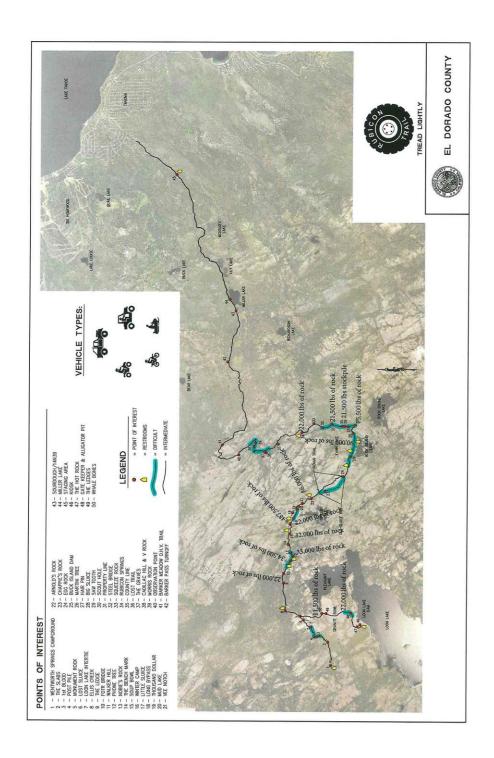
# Climb before the bowl



2 loads of rock were dropped at this location one large and one medium. More rock is needed in this area but there was not enough time. 22,000 lbs. of rock was dropped at this location.

Additional locations for rock drop that did not have photos were:

- Rubicon Springs-Stockpile 2 loads of medium rock were dropped, 22,000 lbs.
- Property Line-2 loads of large rock was dropped, 21,500 lbs.
- Sawtooth-Stockpile 2 loads of medium rock was dropped, 21,500 lbs.



# **County Fair**

Once again the County had a booth at the El Dorado County Fair. State Parks OHV Division and Jeepers Jamboree participate with us and add so much to our display.

This year we had many vehicles on display which really brought the crowd. On Sunday Jamboree and the Rubicon Trail Foundation sponsored an event called the Rubicon Challenge in the grandstands. This event was an overwhelming success. Local Rubicon users ran a course set up by Jamboree to demonstrate the difficulty of the Rubicon and the experience of the drivers. There was a challenge hill and the course had vehicles of all types. Some took the challenge to pull a trailer with a barrel filled with water. This was a very exciting challenge. Only one vehicle made it up the challenge hill. We will be doing this event again in 2019 as it was very popular and a great thing for people to do on Father's Day.

#### 14N05

The County has not provided any maintenance on this road since 2010. Since we have installed the restroom at Ellis Creek and the holding tank this road is critical to the overall health of the trail. Staff had concerns about the road and took the Department of Transportation (DOT) engineer along with the Forest Service engineer out to inspect the road. Whereas there were many concerns regarding drainage there was one area that was in serious jeopardy of closing the restrooms on the trail. There was one section where the culvert was undercut and the road could collapse.

DOT spent a week on site replacing the culvert and cleaning the drainage ditches as they could. There is more work to be done but the hope is that the road holds up another year and we can now safely take a septic pumper truck over the culvert of concern.

# Survey

One major concern of staff is the off trail travel. The Sheriff's Office stated that they were not sure where the trail is and is not. So staff took the DOT surveyor on the trail to pin center that was recorded on the easement so that law enforcement can cite for off trail travel. Staff installed center line delineators to assist users when traveling from Arnolds to Buck Island. This was a section in question. Most areas you have nowhere else to go, but this section had questions. This was also included in the grant.

## Jeep USA

County staff attends one event a year of these historic trips. This year we went on the Jeep USA trip. It is very informative for staff to see how these large trips are run but to also interact with the public. This gives us an opportunity to discuss what we are doing for the trail and hear from people outside of our area. Most of these trips have people from out of state. The discussions are a great tool on how things are done in other states and how our trail compares. Jeep USA does a great job on their trips and they are a good partner on keeping the trail open and keeping the history alive.

#### **Rubicon River**

There was a serious log jam at the green bridge on the Rubicon River that was of concern for the bridge. County staff working with the river staff and property owners at

Rubicon Soda Springs Inc., removed logs that could have taken the bridge out in high flows. There was a very large tree around 7' in diameter that was right before the bridge. This tree had to be cut into pieces to get it down river. This tree alone took 5 hours to complete. This was a two day project and more time was needed but staff did the best they could.





# **County Contracts**

Contracts with Rubicon Trail Foundation:

We have two contracts with the foundation, one is to pump the toilet units on the Rubicon Trail and dump the waste in the septic vault located behind the Ellis Creek restroom. Another unit was added at Buck Island this year making it a total of ten units that were serviced in 2018.

- One at lower Walker Hill
- One at upper Walker Hill
- One at Soup Bowl
- Two at Little Sluice
- One at Arnolds Rock
- Four at Buck Island

These units are pumped every other week as needed depending on use and time of year. They may not be pumped as often during the shoulder season, which can be April, May, September, October and November. The amount the county spent on this contract in 2018 was \$19,250. In 2018, RTF maintained a log for each location as to when units were pumped and cleaned. This will assist the County in future service on these units.

This contract also includes cleaning and stocking of the units identified above as well as the Loon Lake restroom and the Ellis Creek restroom. This is usually twice a week. The amount spent by the County for this service in 2018 was \$4,320.

The other contract is for mid-trail staff. The foundation employs two full time employees who focus is to educate the public on proper use, to provide information on trail conditions, to assist with broken down vehicles, assist the Sheriff's as needed and to be

the ambassadors of the trail. This year two part time employees were hired. Their main location was at Little Sluice. The amount spent by the County for this service in 2018 was \$20,777.50.

Sweet Septic is the commercial septic hauler that pumps the septic vault located behind the Ellis Creek restroom; the Ellis Creek vault restroom and the Loon Lake restroom vault. The amount spent by the County for this service in 2018 was \$2,498.

The helicopter project was a large piece of this year's budget. The details of the project are outlined above. The County spent \$299,930 on the contract for these services with Siller Helicopters.

To accomplish the helicopter project the county also contracted with Doug Veerkamp for rock screening services in the amount of \$34,125. He also provided a water truck, loader and staff for the project in the amount of \$28,237.56.

I put these vendors and contract amounts only to illustrate the amount of effort and cooperation that goes into the Rubicon and the projects. Without Doug Veerkamp Engineering stepping up to help us, in a time that the County has no manpower available, we would not have completed this project. Siller was called out on fires in the fall of 2017, so we had to wait until spring 2018 to complete the project. They have always been so patient and easy to deal with. The Rubicon is not easy as we never know what the weather will be and when we can accomplish our goals.

Rubicon Trail Foundation has provided the services on the trail needed to accomplish the goals identified by the County to the Central Valley Water Quality Control Board. Therefore I felt it was worth mentioning the efforts that go in by the many to keep this trail the "Crown Jewel the Rubicon Trail".

### Inspections

Inspections are done as conditions warrant. Since 2012 when the inspections began staff can read the conditions very well. Knowing when a melt may occur, monitoring the amount of snow and temperatures to calculate potential melt. This potential melt would be the reason for meeting the conditions of closure per the easement agreement. The monitoring season runs December 1<sup>st</sup> through June 1<sup>st</sup> as conditions exist. These were the following inspection dates for last season:

December 6, 2017 February 8, 2018 March 27, 2018 April 9, 2018 December 10, 2018

There were no closures during this season.

# **Hazardous Material Removal**

El Dorado County's Environmental Management Division has hazardous material sheds located at the three staging areas for the Rubicon Trail. In 2018 the following materials were removed from those sheds:

| Location            | Contaminated Soil | Oily Debris |  |
|---------------------|-------------------|-------------|--|
| Loon Lake Kiosk     |                   | 8 lbs       |  |
| Wentworth Springs   |                   | 2 lbs       |  |
| Tahoma Staging Area |                   |             |  |

The users are doing the right thing in cleaning up their messes. Loon Lake Kiosk removal last year was 25 lbs. When you compare that to what was removed this year and we had a short season shows the users did the responsible thing this year in cleaning up their spills. The Parks Division appreciates the assistance from Environmental Management with this program.

## Education

In 2018 we took the educational program back to basics and focused on sanitation and the yellow bandana.



As I review the behavior this year, I decided to mix up the educational bandanas and do the green bandana for sedimentation. There was a lot of off trail travel and it is a concern for the county. The resource damage that this activity causes takes years to repair. In 2019 the focus will be Stay on the Trail, Save the Trail. There is only one Rubicon.



## **Law Enforcement**

# **OHV Unit Recap**

The El Dorado County Sheriff's Office used State OHV Grant monies to patrol the Rubicon Trail as the primary focus but also patrolled the Barrett Lake Trail and other OHV areas within the County. This year we spent 671 hours patrolling the trails. We contacted approximately 7,640 trail users and 4,557 vehicles in 2018. On the enforcement side, the majority of our problems were resource damage, illegal fires and off-trail travel. We responded to several calls which ranged from lost / injured persons to disabled vehicles. Deputies assisted in medically evacuating several critical injuries including a rattle snake bite, broken femur, and severe burns. Deputies issued 87 warnings, and five citations. The Sheriff's OHV Unit attended several events away from the Rubicon such as: Toys for Tots, National Night Out, Red-Ribbon Week, car shows, and other community events. These events are used to educate the public on the laws and regulations governing the OHV areas of the county.

| .Season                                    | Major Events   | Stats    |         |          |             |
|--|--|----------|---------|----------|-------------|
|  |  | Vehicles | Persons | Warnings | Cite/Arrest |
| 2013: Tim Peterson solo Deputy             |  | 3,846    | 7,803   | 187      | 0           |
| 2014: Tim<br>Peterson/Steve<br>Wunschel    | Helicopter Crash, Small fires,<br>King Fire, Rollover on Big<br>Sluice, SAR                              | 4,199    | 8,879   | 140      | 1/1         |
| 2015: Tony<br>Broadfoot/Jeremia<br>h Hamon | 7 SAR's, 7 Veh. Rollovers, 5<br>M.A., Dis. Veh's, Illegal<br>shooting, fires, attended<br>multiple event | 7,146    | 15,846  | 46       | 1/1         |

| 2016: OHV OT by committee | Citations for<br>Registration/Resource/Parking<br>3 medical aides/1 death<br>Problems:<br>Trespass/Alcohol/Illegal<br>Camping/Abandon Veh's | 2,654 | 7,158 | 90  | 7/1 |  |
|---------------------------|---|-------|-------|-----|-----|--|
| 2017                      | Off-Road Travel & Resource Damage   | 2,156 | 5,005 | 102 | 4   |  |
| 2018-Tim Peterson         | Citations-1 vehicle code expired registration, 4 Illegal Fire.  | 4,557 | 7,640 | 87  | 5   |  |

#### Grant

We finished up the grant from 2016 as the close out date was August 31, 2017. The 2017 grant term was September 1, 2017 to August 31, 2018. The two grants for the Rubicon Trail, Operations and Maintenance (O&M) and Education. The O&M grant funded the helicopter project which added the rock described above. It also included the main functional services such as refuse disposal, restroom cleaning and pumping and staff. The grant was in the amount of \$428,458 with a match of \$160,544 for a total of \$589,002.

The education grant included funding for mid-trail staff, calendar and bandana. Instead of a calendar we developed an activity book for kids. This has been very popular. We also did the yellow bandana for sanitation again. The grant was in the amount of \$48,438 with a match amount \$30,750 for a total of \$79,188.

The grant program for State OHV kicks off in January 2019. Staff is currently determining the work plan for the 2019 season and will be submitting applications. Staff will also coordinate with Placer County on what grants they may be interested in submitting. A list of projects will be posted on the County Website. If anyone or group would like to take a project one they just need to contact the El Dorado County Parks Division.

# **Board of Supervisor Actions in 2018**

In 2018 the Board of Supervisors took the following action for the Rubicon Trail:

October 10, 2018 approved the grant funding.