El Dorado County River Management Plan
2019 Annual Report

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Table of Contents

2019 El Dorado County River Management Plan Annual Report

Introduction .................................................................................................................. 3
River Valley .................................................................................................................. 3
Water Flows .................................................................................................................. 3
River Use ...................................................................................................................... 5
Outfitter Use ................................................................................................................. 8
Institutional Use .......................................................................................................... 9
Boat Density ................................................................................................................ 9
River Use Preferences ................................................................................................. 10
County Staff Activities .............................................................................................. 12
Outfitter Violations .................................................................................................... 13
Traffic Use .................................................................................................................. 13
Water Quality ............................................................................................................. 14
Other Comments ........................................................................................................ 14
Budget .......................................................................................................................... 15
Closing .......................................................................................................................... 15

List of Figures

CA Snow and Water Comparison Panel ................................................................. 4
South Fork River Flow Chart at Chili Bar Dam ....................................................... 4
River Use Graph ........................................................................................................ 7

2019 Boat Density Chart.................................................................10
River Use Preference Charts........................................................11
2019 Budget Allocation.................................................................15

List of Tables

<table>
<thead>
<tr>
<th>Table Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chili Bar Release Schedule by Water Year Type</td>
<td>5</td>
</tr>
<tr>
<td>River Counts Between Coloma and the Highway 49 Bridge</td>
<td>8</td>
</tr>
<tr>
<td>2018-2019 Fiscal Year</td>
<td>15</td>
</tr>
</tbody>
</table>

Appendixes

<table>
<thead>
<tr>
<th>Appendix Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appendix A: E. Coli Testing Graph</td>
<td>17</td>
</tr>
<tr>
<td>Appendix B: El Dorado County Sheriff Marine and Boating Unit</td>
<td>18</td>
</tr>
<tr>
<td>Appendix C: Seasonal River Staff Logs</td>
<td>19</td>
</tr>
</tbody>
</table>
El Dorado County River Management Plan

2019 Annual Report

INTRODUCTION

The El Dorado County River Management Plan (RMP) 2019 Annual Report provides information on the 2019 river season and ongoing RMP implementation.

The 2019 Annual Report is presented to the Parks and Recreation Commission at a public session.

2019 saw the continuous implementation of the changes outlined in the revised River Management Plan adopted in 2018. The changes to outfitter classification do not appear to have caused any issues the Board worried could arise from the outfitter standards imposed on them, and all institutional groups have already moved into parity with the commercial standards.

In 2019, The Board of Supervisors rescinded Resolution 065-2002, establishing the RMAC and Resolution 078-2019 established the Coloma Lotus Advisory Committee (CLAC).

RIVER VALLEY

The 21-mile section of the South Fork of the American River from Chili Bar Dam to Folsom Reservoir continues to be one of the most rafted and kayaked rivers in the State of California with annual use averaging well over 100,000 people. This river flows through the seven mile long Coloma Lotus Valley, also well known as a historical and national recreational destination. There are four large public campgrounds in addition to the Marshall Gold Discovery State Historic Park, Henningsen Lotus County Park, and several Bureau of Land Management (BLM) parcels situated along the river. Public trails provide access to the river and, in some areas, run adjacent to the river at either end of the valley. Public access to the river is available at the State Highway 49 Bridge, as well as nine private properties with Special Use Permits. The number and diversity of recreational facilities and privately owned properties along the river, combined with the annually scheduled recreational water release flows, make the South Fork of the American River a globally recognized destination for class II-III boating as well as other forms of river recreation.

WATER FLOWS

The precipitation for 2019 ended up being above average for the water year. As of May 1st, the yearly precipitation was 125 percent of normal, an increase from 75 at the same time last year. The snowpack water content on May 1, 2019, was about 160 percent of average to date as compared to 25 percent on May 1, 2019. The precipitation range for the state was high at 130 percent in the northern part of the state. Overall, state percent of average precipitation was 125 percent. Reservoir storage statewide was also 115 percent of average overall, which was a bit
higher than the same point in 2018. The complete California Department of Water Resources Bulletin 120 (May 1, 2019) report can is available at http://cdec.water.ca.gov/snow/bulletin120/.

![May 1 Statewide Conditions](image)

**Figure 1: California Snow Water Content Comparison Panel**

![South Fork of the American River Flow as recorded at Chili Bar Dam 2015-2019](image)

**Figure 2: South Fork of the American River Flow as recorded at Chili Bar Dam 2015-2019**

The water year type in 2019 was designated as a “Wet” year, as opposed to “Below Normal” in 2018. The water year type assigns the release schedule out of Chili Bar Reservoir for river recreation. The Sacramento Municipal Utility District’s (SMUD), and Pacific Gas and Electric’s (PG&E) Federal Energy Regulatory Commission (FERC) license for dams on the South Fork of the American River requires regular recreational releases. The high amounts of water storage meant that there were releases every day of the week until September. The release volume averaged between 1,500 on weekdays and 1,750 on the weekend's cubic feet per second (CFS) in
2019, providing quality whitewater. These releases were the minimum scheduled amounts, and actual releases often surpassed 2,000 CFS.

The change in water year type from last year resulted in higher than expected releases. The graph in figure 2 demonstrates the extended season of higher release volume. Water Year Type designations with corresponding flow schedules out of Chili Bar Dam illustrated in Table 1 below.

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<td>3 Hrs @ 1500</td>
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Table 1: Chili Bar Dam Release Schedule by Water Year Type (2019 “Wet” water year)

**RIVER USE**

Use in 2019 decreased slightly in comparison to 2018. 2019 saw over 85,898 boaters counted while 2018 counts were over 90,277 total boaters (not including outfitter guides) — a decline of approximately 6%. Early season 2019 saw a noticeable decrease in use due to the excessively high releases of water brought on by the snow pack and late-season accumulation. Heavy Spring rain and snow pack may have contributed to this decrease; however, increased releases that lasted long into the year likely helped to bring the number up. Given these negating factors, it seems
that the overall reduction in use is unlikely to stem from the type of water year; external forces such as the economy seem more likely to play a meaningful role.

According to the US Energy Information Administration (EIA), 2019 had higher average higher summertime gas prices than 2017 and 2018. Summertime gas prices in 2017 were, on average, the lowest since 2005. The US Bureau of Labor Statistics reported a summertime low unemployment rate of more than 3.6% in 2019, which was lower than last year’s summertime low unemployment rate of 3.9%. However, both were the lowest since 2008. The US Bureau of Labor Statistics also reflects that the Consumer Price Index (CPI) continued to increase by around 2%. Overall, several economic indicators showed 2019 continuing the trend of good US economic health. It is hard to pinpoint how many economic factors influenced people’s decisions to go rafting. However, it does not seem unreasonable to assume that the increase in jobs nationwide affects the number of rafters. Given that the snowpack was exceptional in 2019, it does not seem likely that the type of water year has a meaningful impact on the number of people that choose to go rafting.

Spring runoff (snowmelt) behind dams control the river level on the South Fork, usually beginning in May. The availability of whitewater on the river is consistent year to year from the scheduled recreational water releases. Figure 3 below shows the river use totals for commercial outfitters (72,184 guests), and private boaters (13,741 people). Institutional groups were not counted separately due to the RMP change that required they meet commercial standards. The graph also shows the water type year from 2006-2019. SMUD water releases water based on the water year type. The river use numbers only reflect the use of the class III sections of the river for private boaters from the days that photos are taken, while taking a count of commercial use for the entire season. Therefore, it should be noted that actual private use is higher than represented by selected counts.
Most of the river use and days of scheduled releases occur between Memorial Day weekend and Labor Day weekend. In 2019, 70% of commercial outfitter use fell between these dates, as opposed to 2018, when 85% occurred between the same dates — reflecting the increase in season length.

The peak day of total river use was August 10, 2019, with a total of approximately 3,018 people. The peak was higher than the previous two years, 2,754 and 2,919, and slightly higher than the 3,011 counted in 2016. The Peak use day in 2019 falls below the individual density numbers for the lower section of the river; therefore, individual density concerns are minimal. If there were exceedances of daily use on the river or an exceedance to the boat density threshold on the South Fork, then mitigation measures would be necessary.

The 5-mile middle section of the river from Coloma to Greenwood Creek in the Coloma/Lotus Valley continues to be a popular class II section of the river. Boaters, campground visitors, residents, and tourists enjoy floating on inner tubes or in small rafts on this section. There is a continued concern that alcohol bans on other regional rivers during holiday weekends would attract the drinking inner tube partiers to the South Fork of the American River. However, alcohol consumption remains constant and within responsible levels, and there has not been an
increase in citations issued by the Sheriff’s Department. A glass ban on the river, implemented in 2017 with additional signage, appears to have reduced the number of glass containers brought on the river. Glass bottle use continued to decrease following several years of signage and informational efforts by parks and river staff. In 2019, significantly fewer people were inner tubing on the river during the first part of the summer due to the high water flow and excessive cold water. River staff, along with Parks staff, made considerable efforts to discourage private parties from undertaking tube trips for their safety.

The seasonal use on the middle section has been difficult to quantify due to the many put-in and take-out locations along this section of the river. Use during non-scheduled release days and use at minimum flows along with the ability for users to run multiple trips in a day, adds to the complexity of capturing the use numbers for the middle section. There are approximately 30 weekend days annually between Memorial Day weekend and Labor Day weekend. Based on prior year counts, a conservative estimate of use for this section could easily be 9,000 people based on an average of 300 people per weekend day. These past counts include class II boaters, inner tubes, and other casual floaters who do not usually attempt to float the class III sections of the river.

Counts were done twice on the Coloma to Greenwood section for 2019. Counts below Marshall Gold Discovery State Historic Park in the past have shown as many as 400 inner tubers floating this section on holiday weekends. The two past season counts appear in table 2.

<table>
<thead>
<tr>
<th>Date</th>
<th>People*</th>
<th>Rafts</th>
<th>Kayaks</th>
<th>Inflatable Kayaks</th>
<th>Inner Tubes</th>
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<td>85</td>
<td>64</td>
<td>16</td>
<td>249</td>
</tr>
<tr>
<td>7/2019</td>
<td>1741</td>
<td>71</td>
<td>57</td>
<td>8</td>
<td>295</td>
</tr>
</tbody>
</table>

*This does not include outfitter guides

Table 2. River Counts between Coloma and Hwy 49 Bridge

There averages less than one boating-related death on the South Fork per year on the section of river between Chili Bar Dam and Folsom Reservoir. In 2019 there was only one boating fatality caused by an underlying health issue. While there was another swimmer reported missing and presumed drowned, this was not related to commercial or private boating activity.

**OUTFITTER USE**

Commercial outfitters are the primary source for public rafting excursions down the South Fork. There were 24 permitted outfitters in 2019 three fewer than in 2018.

The consolidation of outfitters on the South Fork and rivers nationwide has been an ongoing trend over the last 15 years, resulting in more companies having multiple trips on the water or more extended trips more frequently, impacting other river users when these companies’ trips
overlap. Overlapping typically occurs at lunch rest spots and at various locations on the river when one trip slows down for photos, groups join up for takeout, or when a full river trip catches up to a trip doing just the lower section. While density remains below thresholds, there were still some congestion issues at popular spots for taking out and lunch/bathroom breaks.

The 2001 RMP requirement for keeping trips, defined as seven rafts, of the same company separate so “sufficient distance between groups should be maintained so that, if needed, other individual boats may fit in” was changed with the adoption of the 2018 RMP. The RMP changes call for an initial spacing of five minutes between launches. An exception to this change is allowing for the regrouping of trips below Hospital Bar Rapid for trip consolidation of shuttles and improved efficiency at take-out (Salmon Falls).

**INSTITUTIONAL GROUP USE**

Only organizations teaching accredited educational courses will be able to continue to register as Institutional Groups per the updated RMP. In 2019, all Institutional Groups switched to commercial outfitter standards. The change appears in Figure 4, where there is no longer a separate count of institutional users.

**BOAT DENSITY**

The boat density safety measure aims to prevent boating safety hazards from occurring due to boat congestion on weekends. Boat density is the total number of boats passing a set point on the river within a two-hour window. In the event density passes three-hundred boats twice in a season, the RMP prescribes austerity measures to manage overcrowding and regain allowable density levels.

Boat density measurement comes from taking an aggregate total from a combination of traditional rafts, kayaks, tubes, and other inflatable crafts. Rafts are counted as one boat, while kayaks, inflatable kayaks, and inner tubes count as half a full boat. Rafts are larger and take up more space on the river, which is why smaller crafts like kayaks count for half.

Counts were done on Saturdays at Fowlers Rapid and Troublemaker rapids in 2019. The highest counts occurred on September 1, 2019, with 251 boats passing within two hours. While this number is well below the 300-boat ceiling, it is interesting to note that 2019 showed a trend towards increased river recreation later in the year.

Also, there was a count done for the middle section of the river, most popular for inner tubes and other inflatable individual leisure craft. The counts of the upper and middle sections confirm previous years’ observations that these sections remain well below safety thresholds. The upper river count revealed a 2-hour density of 110 boats passing the Meatgrinder Rapids and 217 in the middle section. One hundred and fifty-six individual tubes account for 78 of the boats.

Counts on the upper in 2019 confirmed that boat densities were still substantially lower than the identified exceedance thresholds, with the peak counted at 87 boats counted on July 27, 2019.
The peak count on the upper section in 2015 was 121 boats on August 2. Figure 4 on the next page reflects the peak density counts on the gorge section for the last seven years. Please note that counts are not done every Saturday during the river season. Based on past trends, the County has found that counting on the six weekends starting the second weekend in July and through the third weekend in August makes the most sense regarding capturing peak boating densities.

![Boat Density: 2014-2019 Fowlers Rapids, Lower River](image)

*Two Kayaks or Single Person Crafts are equal to one boat

*Figure 4: Gorge 2 Hour Boat Density 2012-2019*

No mitigation measures to restrict boating use are necessary for 2020. The sources of data utilized in estimating river use are outfitters monthly operating reports from March 2019, to November 2019, and Hotshot Imaging Photo data of noncommercial river use on the Chili Bar and Gorge Runs on selected weekends from July 6, 2019, through September 1, 2019.

**RIVER USE PREFERENCES**

The longstanding trend of river use for both private and commercial activity is for the lower segment of the river. The County can track total use patterns with regards to financial reports; however, as previously mentioned, the private user data does not represent a full accounting of use patterns. The preference for the lower trips remains throughout the year; however, it is slightly lower in the early months while the upper section river use is a bit higher. Whole river trips account for an average of 13.5% of the total use in the peak months dropping by almost 50% over that same time. During the same period trips on the lower section of the river climb from 50% early in the season to 68% by the later months. The lower section is also better equipped with regards to put in and take out facilities likely reflecting an efficient business decision with a more extended day trip for commercial passengers. Upper river trips remain...
relatively stable between 22-29% of the total activity peaking in July and August before dropping back down by September. Whole river trips most likely reflect an increase in release levels as higher water increases the speed, thus shortening trip times allowing for more trips to cover the entire length of the South Fork. The middle section of the river is the most accessible section for floating and looking at the single manual count done on that section reflects a substantial concentration of inner tubes, paddleboards, and other inflatable crafts. Totals primarily reflect commercial use, while private counts appear in the specified months; private use is not monitored at a sufficient level to extrapolate meaningful conclusions. Perhaps future monitoring activity could use data from primary put in and take out spots along each section of the river. River use charts appear in Figure 5 below.

Figure 5. Preferences in river use by person 2019.
2019 COUNTY STAFF ACTIVITIES

The County Parks River Program employed five people in 2019, including the River Recreation Supervisor and four seasonal river staff (River Instructors). Previously, the River Instructors have been referred to as River Patrol. This was changed in 2019 to provide clarification as the title River Patrol indicated a law enforcement role on the river. All County law enforcement action on the river is to be conducted by the El Dorado County Sheriff’s Office. Staff is currently working to update all gear and equipment to state “County Parks.” In 2020, all gear and equipment will have been updated. River staff is responsible for the implementation of the RMP. In June, the River Recreation Supervisor resigned from the position. The Department Analyst took over the program. Since the four river staff had been trained by the River Recreation Supervisor prior to departure, river staff continued their duties as usual, reporting to the Department Analyst.

The vacancy has provided an opportunity to evaluate the program and the processes that were in place. Some changes within the program are needed and will be implemented during the 2020 season.

The river staff’s daily activities primarily included boater education on the river and river access points, quiet zone monitoring, and river use monitoring. The emphasis among these four activities varied throughout the season, day of the week, and the river section a staff was working. On weekdays two staff worked on one of the two Class III sections. On weekends, two staff worked on the Gorge Run, combining aspects from each of these activities during the workday. Two staff monitored river use at Chili Bar put-in and monitored the Chili Bar Run. Staff working on the Chili Bar section typically would do a second or third run from Coloma to Henningsen Lotus Park (HLP) unless they were going down to Greenwood Cr. or Salmon Falls. Most of the Class II use occurs in the Coloma to HLP section. Having the additional staff also allowed for the better staggering of presence at put-ins and better overall coverage than in the past when staff needed to take time off. Staff also helped to maintain the three BLM composting toilets during the season. Seasonal river staff’s logs have been attached herein, Exhibit C.

An overview of the river staff activities in 2019 outlined below:

Provide River and Boater Education for Private Boaters onshore Recreationists:

- River staff made contact with more than 1700 river users during the 2019 season and monitored more than 750 miles.
- Provided boating safety, boater responsibilities, private property education, river etiquette, leave no trace education, and river flow information at river accesses and on the river.
- Stocking kiosks with free waterproof river maps, providing boaters with the locations of restrooms, put-ins and take-out locations, quiet zone locations, names of rapids with GPS coordinates public and private land designations, agency and campground phone numbers along with a boating safety checklist.
River Safety:
- Completed approximately 169 on river shifts covering 1,633 miles.
- Provided a safety/sweep function by running the Class III sections late in the day.
- Placed a backboard, c-collar, and head stabilizers below Meat Grinder, Satan’s Cesspool, and Fowlers Rock rapids for the regular (May-October) boating season.
- Remove hazardous trees that created obvious hard-to-avoid strainers. There were also several ropes and other smaller hazards that river staff removed during the season.
- Assist law enforcement, upon request, in body recovery and missing person searches.
- Assist and coordinate with BLM, State Parks, El Dorado Co. Sheriff, and CHP Helicopter unit.
- Provide instruction to river users on how to navigate safely on the river along with how to use the watercraft they were using on the river.

Quiet Zone:
- On-river staff is responsible for both river safety education and enforcement through the Coloma to Greenwood section.
- Emphasis on controlling quiet zone noise, use of public lands, litter education, and use of life jackets by all boaters and inner-tubers deals with ongoing concerns of the public.
- Provide safety information and aid to people floating/boating on the class II section.

River Use Monitoring:
- Conducted monitoring on weekends for the system carrying capacity.
- Auditing of commercial outfitter river use for compliance.
- Tracked noncommercial/private river use levels

Education and Outreach
- During the season, River staff organized river-cleanups on the upper and lower sections. Also, there was another cleanup done in Henning Lotus Park. Turn-out was not as high as in previous years; however, the amount of trash in the river was lower.

In 2019, the Sheriff’s Boating Unit made both full and partial river trips throughout the season. The County Sheriff has the authority to issue citations for both State and County life jacket violations along with other related County Ordinances, such as private boater violations of the quiet zone and the use of glass beverage containers within 100 feet of the water. A summary of the 2019 Sheriff’s Boating Unit activities is available in Appendix B.

**OUTFITTER VIOLATIONS**

County Parks did not issue any permit violations in 2019.
**TRAFFIC USE**

Traffic counts come from the County Division of Transportation (DOT) and California Department of Transportation (Caltrans) on roads within the project area. The traffic counts for DOT and Caltrans can be found here edcapps.edcgov.us/dot/trafficcounts.asp and here traffic-counts.dot.ca.gov/.

Coordination points along the river, such as Henningsen Lotus Park, continue to see parking impacts from rafting and the general public.

The Coloma Shuttle continued to operate as a private boater in 2019 with help from an Air Quality Management District Grant. They provided 478 shuttles, up from 464 shuttles in 2018, for 4,215 boaters, which did not include donated shuttles or contracted shuttles and were operational 144 days as of November 18, 2019, with approximately 100 more riders expected in December. The Coloma Shuttle remains a well-liked amenity for rafters and kayakers.

**WATER QUALITY**

The water quality monitoring bacterial test results in 2019 had acceptable readings overall for safe body contact on the South Fork. County Parks conducted water testing from June through September 2019. There were no days that had test results above 400/100 ml, which would have resulted in a sampling retest per this program’s protocols. The bacterial water testing results for 2019 appear in Appendix A.

Bacteria coliform testing and other water quality measurements are being done by the Sacramento Municipal Utility District (SMUD) and Pacific Gas and Electric (PG&E) as prescribed in their new FERC licenses once the Federal Energy Regulatory Commission approves their implementation plans. The results of their testing show here: https://www.smud.org/en/Corporate/Environmental-Leadership/Power-Sources/Upper-American-River-Project/Hydro-Relicensing. The updated RMP continues bacterial coliform testing during the primary boating season only.

The County also has a comprehensive Stormwater Program that implements stormwater mitigation measures and best management practices (BMPs) as prescribed by the County Storm Water Management Plan and the Phase II Municipal National Pollutant Discharge Elimination System (NPDES) Permit.

**OTHER RMP OBSERVATIONS AND COMMENTS**

There are some goals identified in the updated RMP and in past annual reports that the County will be continuing to evaluate while also making efforts to implement. River staff continued educational efforts in 2019. Educational activities include stocking kiosks, boating safety information, life jacket requirements, public river access, private property locations, different
recreation permit requirements, sanitation requirements, bathroom locations, and lists of approved outfitters.

The 2019 budget had funding for overtime, which allowed for all staff to participate in special projects and working on holidays without taking away from regularly scheduled workdays.

**BUDGET**

The budget for the Parks River Program is a non-general fund program. The primary source of funding since 1997 is a $2.00 per guest user fee paid by permitted outfitters. If a fee change was deemed necessary in the future due, any fee change is subject to additional action by the Board. Any funding needs will take into consideration any changes which could increase or decrease the level of funding needed to implement the updated RMP. *Table 3 and figure 6 below provide a snapshot of the 2018/2019 Parks River Program budget year, River Trust Fund balances, and the 2019/2020 approved budget. Please note that the trust fund balance includes $22,379 that carried over from FY 2017/18.*

<table>
<thead>
<tr>
<th>Fiscal Year 2019/2020</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fund Balance as of July 1, 2018</td>
<td>$230,142</td>
</tr>
<tr>
<td>Revenue (July 1, 2018 through June 30, 2019)</td>
<td>$160,936</td>
</tr>
<tr>
<td>Expenditures (FY 2017/2018 approved budget was $221,211)</td>
<td>$198,282</td>
</tr>
<tr>
<td>River Trust Fund balance as of June 30, 2019</td>
<td>$213,087</td>
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<tr>
<td>2019/2020 Approved Budget</td>
<td>$232,005</td>
</tr>
</tbody>
</table>

*Table 3: River Trust Fund Balance and Budget Summary*

![2019/2020 Budget Allocation]

*Figure 6: 2019/2020 Approved River Program Budget*

**CLOSING**

Overall, the County Park’s River Program in coordination with the BLM, State Parks, and El Dorado County Sheriff’s Boating Unit was successful in managing the South Fork American
River’s whitewater recreation from Chili Bar Dam to Folsom Reservoir. The implementation of the County’s River Management Plan in 2018 met most of the goals and objectives laid out in the plan. The action taken by the board to adopt a new RMP will improve the County’s ability to continue its role in the management of whitewater recreation on the South Fork of the American River.

The River Recreation Supervisor position was vacated in 2019, leaving the program in the early part of the season. As a result of this, there have been several issues that have come up both during the regular season and in sorting the data for the annual report. In the coming 2020 season, the County would benefit from an overhaul of the recording methods and seek alternative methods for assessing density and use patterns. Private boating activity is undoubtedly higher than the levels reflected in counts because data only exists for a selected few weekends. Commercial activity counts come from companies’ monthly operating reports; there are no such systems for gathering an accurate count for total private use. It is also important to note that much of the river data was very difficult to interpret. Moving forward, staff will be revamping record-keeping methods and multiple staff will be involved with the River Program to ensure accuracy and efficiency.

County river staff operations require more accurate supervision and recording in order to ensure that time is effectively used and that staff activity aims at both commercial regulation and implementation of the RMP.

While austerity measures for density are unnecessary in 2020, significant congestion issues exist at Henningsen Lotus Park in the peak summer months. Perhaps more coordination between commercial outfitters could ease some of the mid to late afternoon congestion issues and increase enjoyment for the boating public as well as the park users.
Appendix A

2019 E. Coli Sampling
Appendix B

Provided by the El Dorado County Sheriff Marine and Boating Unit

American River Summary 2019

The El Dorado County Sheriff’s Office Marine Unit provides river patrol for the South Fork of the American River from the Chili Bar Dam area to the Salmon Falls take out in Folsom Lake. This jurisdiction is approximately 22 miles in length and is bordered by private property, state property, and federal property. California State Parks and the Bureau of Land Management (BLM) rangers also occasionally patrol this section of the river, but the Sheriff’s Office maintains primary patrol of and rescue operations on the river. The Sheriff’s Office also deals with boating education and enforcement of various county ordinances on the water and along the river edges.

This section of the river offers numerous river-related activities to include; white water rafting by both commercial and private rafters stand up paddleboarding, commercial and private kayaking, and large groups of people on personal float tubes. The tubing population mainly stays between Gold Beach in the Coloma State Park and the BLM take out near Greenwood Creek, commonly called the “C to G” section.

The Sheriff’s Office was very proactive in citing people for loitering and jumping from the Salmon Falls Bridge. They also performed several search and rescue operations along the shore of the river for boaters that left their rafts voluntarily and were assisted to safety via a land route. There was one probable drowning death reported on the patrolled section of the South Fork. The incident involved a swimmer who was not wearing a PFD. The Sheriff’s Office Dive Team and Unmanned Aerial Drone team performed an extensive search. However, the victim has not been found and is still listed as missing.
### 2019 River Patrol log

- **Date**: 4/27/19
- **Flow**: 3 V

#### Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts - Complaints
- Quiet Zone – commercial and noncommercial

<table>
<thead>
<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
<th>Boaters Assisted</th>
<th>Bathroom/Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Main</td>
<td>M6 - H6</td>
<td>2</td>
<td>40</td>
<td>0</td>
<td>No</td>
<td>education at put in, river</td>
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**Notable Events – Minor/Major Rescues/Assists and First Aid**
2019 River Patrol log

Date: 5/4/19
Flow: 3V - 3,600

Accidents/First Aid
Boater assistance - swimmers, gear
Carrying capacity - safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone - commercial and noncommercial

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<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Nick</td>
<td>EB HLP</td>
<td>7</td>
<td>28</td>
<td>0</td>
<td>0</td>
<td>ed + patrol1</td>
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<tr>
<td>Nick</td>
<td>HLP Skinny</td>
<td>14</td>
<td>28</td>
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<td>0</td>
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<tr>
<td>Peter</td>
<td>MBD HLP</td>
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<td>0</td>
<td>0</td>
<td>ed + patrol1</td>
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</table>

Notable Events - Minor/Major Rescues/Assists and First Aid

Travis, AFB, Ike trip swimmer

Lots of trips
Solo trips w/o wetsuits
Lots of kayakers
# 2019 River Patrol log

**Accidents/First Aid**
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts - Complaints
- Quiet Zone – commercial and noncommercial

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<tr>
<td>Dan</td>
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<td>No</td>
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<tr>
<td>Noah</td>
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<td>40</td>
<td>0</td>
<td>No</td>
<td>Patrol</td>
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**Notable Events – Minor/Major Rescues/Assists and First Aid**

Saw several canoes coming through Tuckabacker with swimmers, but all cleaned up after themselves.
2019 River Patrol log

Date: 5-12-19
Flow: 5,300

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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<tr>
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<td>20</td>
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<td>Peter</td>
<td>CB → HLP</td>
<td>8</td>
<td>10</td>
<td>0</td>
<td>No</td>
<td>Patrol</td>
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</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Stopped for a break @ Towers a saw a raft flip, the crew was able to self-rescue and righten their boat flawlessly.
2019 River Patrol log

Date 5-11-19
Flow 6000

Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts – Complaints
- Quiet Zone – commercial and noncommercial

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<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Smith Peter</td>
<td>CT, Bloomwood</td>
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<td>38</td>
<td></td>
<td></td>
<td>Patrol</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid

Observed swimmers @ tradewater
2019 River Patrol log

Date 5-18-19
Flow 5K+  

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

<table>
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<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
<th>Boaters Assisted</th>
<th>Bathroom/Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tr>
<td>Neil</td>
<td>NA</td>
<td>0</td>
<td>50</td>
<td>0</td>
<td>0</td>
<td>Put in education</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 5-19-19
Flow 5 K

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<th>River section (Put in – Take Out)</th>
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<th>Boaters Assisted</th>
<th>Bathroom/ Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Nick</td>
<td>GWC - SF</td>
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<td>20</td>
<td>0</td>
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<td>Put in education, low on pedal</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid


2019 River Patrol log

Date 6-14-19
Flow 6500

<table>
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<th>Staff (Put in – Take Out)</th>
<th>River section</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
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<th>Bathroom/Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Pignan</td>
<td>HLP → Salome Falls</td>
<td>12</td>
<td>14</td>
<td></td>
<td></td>
<td>patrol</td>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Observed tuber rescue @ Coloma River Resort
Tuber stranded in willow tree island
2019 River Patrol log

Date 5-24-19
Flow 2200

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

<table>
<thead>
<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
<th>Boaters Assisted</th>
<th>Bathroom/Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Dan</td>
<td>CR -&gt; HLP</td>
<td>8</td>
<td>15</td>
<td>0</td>
<td>No</td>
<td>Patrol</td>
</tr>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Wrenched ETC guide school paddle through Troublemaker – observed swimmers.
2019 River Patrol log

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

<table>
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<th>Visitors Contacted</th>
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<th>Bathroom/Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Noa</td>
<td>CB, HU</td>
<td>49</td>
<td>30</td>
<td>1</td>
<td>0</td>
<td>Patrol activity</td>
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<tr>
<td>Noa</td>
<td>HU, Skel</td>
<td>11</td>
<td>30</td>
<td>0</td>
<td>0</td>
<td>Patrol activity</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 5/26/19
Flow 2K

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

<table>
<thead>
<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
<th>Boaters Assisted</th>
<th>Bathroom/Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Nick</td>
<td>CB HLP</td>
<td>9</td>
<td>20</td>
<td>0</td>
<td>0</td>
<td>Education</td>
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<tr>
<td>Dan</td>
<td>HLP Shark</td>
<td>11</td>
<td>9</td>
<td>0</td>
<td>0</td>
<td>Education</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date  5-27-19
Flow  4300

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

<table>
<thead>
<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
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<th>Bathroom/Maintenance</th>
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<tr>
<td>[Signature]</td>
<td>CB</td>
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<td>46</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

June 2, 19

Flow: 4500 cfs

- Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts – Complaints
- Quiet Zone – commercial and noncommercial

<table>
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<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
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<tr>
<td>North</td>
<td>CB</td>
<td>9</td>
<td>4</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
<tr>
<td></td>
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</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Assisted in body recovery sweep
2019 River Patrol log

**Date**: 6-7-19  
**Flow**: 7500 cfs

<table>
<thead>
<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
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<th>Bathroom/ Maintenance</th>
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<tbody>
<tr>
<td>Dan</td>
<td>CB → Hopo</td>
<td>9</td>
<td>14</td>
<td>3</td>
<td></td>
<td>patrol</td>
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</tbody>
</table>

**Notable Events – Minor/Major Rescues/Assists and First Aid**

- 2 bay area battery in paddle car
- flipped @ meat grinder
2019 River Patrol log

Date 6/8/19
Flow 6,500 cfs

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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<tr>
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<tbody>
<tr>
<td>Pati</td>
<td>Chilbar</td>
<td>21</td>
<td>30</td>
<td>0</td>
<td>0</td>
<td>Educational + Peaceful</td>
</tr>
<tr>
<td>int</td>
<td>Salt</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
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Notable Events – Minor/Major Rescues/Assists and First Aid


### 2019 River Patrol log

**Date:** 6/9/19  
**Flow:** 5,500 - 6K

<table>
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<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
<th>Visitors Contacted</th>
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<th>Activity: patrol, count, QZ, etc.</th>
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<tr>
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<td>Chili SF</td>
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<td>15</td>
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<td>11</td>
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<td>1</td>
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</table>

**Notable Events – Minor/Major Rescues/Assists and First Aid**

- Helped kayaker @ TM. Got their boat at BMI.
- Toreet him down to it.
- Pulled inner tube to shore @ HLP who was really showed kayaker safe line @ rows.
- Help go the how not go down stream.
# 2019 River Patrol log

**Date**: 6-15-19  
**Flow**: CK

Accidents/First Aid  
Boater assistance – swimmers, gear  
Carrying capacity – safety and crowding issues  
Land use/Trespass  
Outfitter violations  
Pirate activities  
Property owner contacts - Complaints  
Quiet Zone – commercial and noncommercial

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<td>Shannon</td>
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<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td>Stearns</td>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Rescued 1K swimmer and returned it to people on shore who swam (flipped)
Educated & provided downstream safety for ungauged soft spot & thanks.
2019 River Patrol log

Date 6-31-19

Flow 4620

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<tr>
<td>Chin</td>
<td>CB - HLF</td>
<td>q</td>
<td>$9</td>
<td></td>
<td></td>
<td>patrol</td>
</tr>
<tr>
<td>Peter</td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 6/20/19

Flow 4,600

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

<table>
<thead>
<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Dan</td>
<td>Lower</td>
<td>11</td>
<td>7</td>
<td>ø</td>
<td>-</td>
<td>Education + Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Set backboard @ Fowler's

Investigated Turkey Vulture situation @ Bouncing Rock

Saw an R.C. flip; quick + excellent recovery
2019 River Patrol log

Date 6-23-19
Flow 3500

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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</thead>
<tbody>
<tr>
<td>Bruce Payne</td>
<td>CS - Greenwood</td>
<td>11</td>
<td>40</td>
<td>0</td>
<td>-</td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Uneventful day on the water
# 2019 River Patrol log

**Date:** 6/22/19  
**Flow:** 4,000

Accidents/First Aid  
Boater assistance – swimmers, gear  
Carrying capacity – safety and crowding issues  
Land use/Trespass  
Outfitter violations  
Pirate activities  
Property owner contacts - Complaints  
Quiet Zone – commercial and noncommercial

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</tr>
</thead>
<tbody>
<tr>
<td>Peter Daniels</td>
<td>CB -&gt; HLP</td>
<td>9</td>
<td>40</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Observed a full-blown dump truck @ bottom of Troublemaker  
Educated folks at Coloma Resort about dangers of tying ropes across the channel, they happily resolved the situation  
Observed a sketchy kayaker swim @ 2nd Threat, educated regarding proper use of tow teachers.
2019 River Patrol log

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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</thead>
<tbody>
<tr>
<td>Coop</td>
<td>CB → HLF</td>
<td>9</td>
<td>23</td>
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<td></td>
<td>Patrol</td>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 6-28-19
Flow 2000

Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts - Complaints
- Quiet Zone – commercial and noncommercial

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</tr>
</thead>
<tbody>
<tr>
<td>Byron</td>
<td>HLP → S.F.</td>
<td>14</td>
<td>40</td>
<td>-</td>
<td>-</td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Companies were all compliant -- uneventful!
2019 River Patrol log

Date 7-02-19
Flow 1933

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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</tr>
</thead>
<tbody>
<tr>
<td>Smit</td>
<td></td>
<td></td>
<td>25</td>
<td></td>
<td></td>
<td>Water samples, contact visitors, stack kiosks</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date: 6-29-19
Flow: 2000

Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts - Complaints
- Quiet Zone – commercial and noncommercial

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</tr>
</thead>
<tbody>
<tr>
<td>Peter</td>
<td>HLP Salmon Falls</td>
<td>12</td>
<td>48</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Observed solo kayaker swim @ Satan's
Busiest Day of Year So Far.
2019 River Patrol log

Date 6-30-19
Flow 2000

Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts – Complaints
- Quiet Zone – commercial and noncommercial

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<tbody>
<tr>
<td>CB</td>
<td>HFP</td>
<td>9</td>
<td>25</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

- Continued search for missing swimmer
- Educated beginner kayaker @ Marshall S.Park
Date: 7-08-19
Flow

<table>
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<tr>
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<tbody>
<tr>
<td>Samue Water Sampling</td>
<td></td>
<td></td>
<td>8</td>
<td></td>
<td></td>
<td>Water Sampling Shore Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 7-13-21
Flow 1800

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

<table>
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<tr>
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<th>Boaters Assisted</th>
<th>Bathroom/ Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dan Edwards</td>
<td>George ⇒ Saline</td>
<td>14</td>
<td>14</td>
<td></td>
<td></td>
<td>count</td>
</tr>
<tr>
<td>Pete Mayer</td>
<td>Ch ⇒ HLP</td>
<td>9</td>
<td>4</td>
<td></td>
<td></td>
<td>patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

observed kayaker pinned on rocks below HLP
2019 River Patrol log

Date 7-06-19
Flow 1991

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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</tr>
</thead>
<tbody>
<tr>
<td>Samwel Peter</td>
<td>CB → HLP</td>
<td>9</td>
<td>40</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
<tr>
<td>Dan Byron</td>
<td>HLP → Salmon Falls</td>
<td>11</td>
<td></td>
<td></td>
<td></td>
<td>Count</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Solo kayaker on CB almost swam at Meatgrinder. Many tubers putting in at Troublemaker, some without jackets. Tube floats tied together. Educated and informed.

Educated tubers at N. Beach about using pool toys on whitewater. Educated tubers w/ deflated tubes trespassing.
2019 River Patrol log

Date 7-07-19
Flow 2000

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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<th>Activity: patrol, count, QZ, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe</td>
<td>CB-7 HLP</td>
<td>9</td>
<td>20</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
<tr>
<td>Dan</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Giron</td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Foul smell above 1st threat – Dead otter stuck in highwater tree line.
Investigated left channel of 1st & 2nd threat. was a report of foul smell from there. Nothing found but a shoe.
2019 River Patrol log

Date 7-08-19

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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</thead>
<tbody>
<tr>
<td>Sami</td>
<td>CB-HLP</td>
<td>9</td>
<td>10</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Fire @ Ponderosa Park
Pickup Ford @ Fleet
Bunker Cleanup & Buy List Composed
## 2019 River Patrol log

**Date:** 7/12/19  
**Flow:** 1500

<table>
<thead>
<tr>
<th>Staff</th>
<th>River section (Put in – Take Out)</th>
<th>Miles Patrolled</th>
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<th>Bathroom/ Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dan</td>
<td>CB → HLP</td>
<td>9</td>
<td>27</td>
<td>1</td>
<td>Y</td>
<td>Patrol</td>
</tr>
</tbody>
</table>

### Notable Events – Minor/Major Rescues/Assists and First Aid

Observed swimming kayaker @ Trouble Maker.  
Assisted with their kayak.
2019 River Patrol log

Date: 7/14/19
Flow: 1933

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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</thead>
<tbody>
<tr>
<td>DAN</td>
<td>CB-&gt; HLP</td>
<td>9</td>
<td>35</td>
<td>-</td>
<td>-</td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Troublemaker observed rafters swimming
AWB had big trip & was blocking access to boat ramp from Private
2019 River Patrol log

Date 7/15/19

Flow 1600

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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</thead>
<tbody>
<tr>
<td>Bryan</td>
<td>Chilliwack</td>
<td>9</td>
<td>15</td>
<td>0</td>
<td>-</td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

I IK Scull @ T.M. Quick self rescue
## 2019 River Patrol log

**Accidents/First Aid**
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts - Complaints
- Quiet Zone – commercial and noncommercial

### Staff
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</thead>
<tbody>
<tr>
<td>Byram 2 pm HLP 2 p.m.</td>
<td>12</td>
<td>10</td>
<td>2</td>
<td>-</td>
<td>Patrol</td>
</tr>
</tbody>
</table>

### Notable Events – Minor/Major Rescues/Assists and First Aid
- Kayakers assisted after swim at Foster's
- Aid given to swims through boilers
# 2019 River Patrol log

**Date**: 8-22-19  
**Flow**: 1650

- **Accidents/First Aid**
- **Boater assistance – swimmers, gear**
- **Carrying capacity – safety and crowding issues**
- **Land use/Trespass**
- **Outfitter violations**
- **Pirate activities**
- **Property owner contacts - Complaints**
- **Quiet Zone – commercial and noncommercial**

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</thead>
<tbody>
<tr>
<td>Sophie Layton</td>
<td>CB = HLP</td>
<td>9</td>
<td>10</td>
<td></td>
<td></td>
<td>Patrol</td>
</tr>
</tbody>
</table>

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**Notable Events – Minor/Major Rescues/Assists and First Aid**

- Raft California had Egress at Flume Trail
- Dislocated knee in Meatgrinder
## 2019 River Patrol log

**Date:** 7/19/19  
**Flow:** 1500

### Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts – Complaints
- Quiet Zone – commercial and noncommercial

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</thead>
<tbody>
<tr>
<td>Blynn Dun</td>
<td>CB, HLP</td>
<td>9</td>
<td>15</td>
<td>-</td>
<td>-</td>
<td><strong>Patrol</strong></td>
</tr>
</tbody>
</table>

### Notable Events – Minor/Major Rescues/Assists and First Aid

- Healing waters; 1 Boat TLP; not complying with HLP
## 2019 River Patrol log

**Date**: 7-20-19  
**Flow**: 1933

**Accidents/First Aid**  
Boater assistance – swimmers, gear  
Carrying capacity – safety and crowding issues  
Land use/Trespass  
Outfitter violations  
Pirate activities  
Property owner contacts - Complaints  
Quiet Zone – commercial and noncommercial

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<tbody>
<tr>
<td>Bread</td>
<td>CB → 3 HLP</td>
<td>8</td>
<td>40</td>
<td>-</td>
<td>-</td>
<td>Count</td>
</tr>
<tr>
<td>Glenn</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dan</td>
<td>HLP → 5 H.</td>
<td>14</td>
<td>30</td>
<td>-</td>
<td>-</td>
<td>Count</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

```
Contacted a dozen tubers w/o pfds on C-HLP
```
2019 River Patrol log

Date 7/21/19

Flow 1933

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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<td>CB ⇒ HP</td>
<td>8</td>
<td>25</td>
<td>-</td>
<td>-</td>
<td>Patrol</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid

Paddled w/ BM
Witnessed several rafts breaching the peanut gallery – numerous swimmers
All self rescued/rescued well.
2019 River Patrol log

Date 7/26/19
Flow 1633

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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<tr>
<td>Dan Brown</td>
<td>HLP → S.H.</td>
<td>12</td>
<td>30</td>
<td>2</td>
<td>-</td>
<td>Patrol</td>
</tr>
</tbody>
</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Educated two young, unprepared canoeists about their egress options from the gorge.
Educated kayaker about the use of float bags and waiting for other boats to set safety before running rapids.
2019 River Patrol log

- **Date**: 7-27-19
- **Flow**: 1933

**Accidents/First Aid**
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts – Complaints
- Quiet Zone – commercial and noncommercial

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<td>CB→HLP</td>
<td>8</td>
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<td></td>
<td></td>
<td>Count</td>
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</table>

**Notable Events – Minor/Major Rescues/Assists and First Aid**

- Observed two 70% PFDs get swept into strainers @ blue house
- Educated about PFD ordinance
- Glass use @ HLP
2019 River Patrol log

Date 7-28-19
Flow 1933

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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<thead>
<tr>
<th>Staff</th>
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<th>Visitors Contacted</th>
<th>Boaters Assisted</th>
<th>Bathroom/ Maintenance</th>
<th>Activity: patrol, count, QZ, etc.</th>
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<tbody>
<tr>
<td>Peter Same</td>
<td>03 → HLP</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 7-29-19

Flow 1600

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 7-30-19
Flow 1950

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<td>Jamie</td>
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<td>water sampling</td>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Educated & assisted tubers at Statepark to cross river and egress at northbeach, after their pool toy water craft no longer held air.

Educated rafters about proper PFD wearing while navigating down River. Kids had PFD’s on. Adults did not although they had them with.
2019 River Patrol log

Date 8/25/19
Flow 1915

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<tr>
<td>Dan</td>
<td>Ho-P to Shovel Shallow</td>
<td>12</td>
<td>40</td>
<td>5</td>
<td>-</td>
<td>Patrol</td>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Appeared on the scene of an emergency response where AVE guide was given CPR and evacuated above Satans Camp. Assisted with emergency responders.

Helped private rafters clean up yard sale after flooding their boat at Sun of Satans.

Escorted IKers who were unfamiliar with the run down to the reservoir.
2019 River Patrol log

Date 9-5-19
Flow 1628

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<tr>
<td>Samie</td>
<td>HFP &gt; Salmon Falls</td>
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<td>Patrol &amp; Edu</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid
### 2019 River Patrol log

- **Date**: 9-07-19
- **Flow**: 1600

#### Notable Events – Minor/Major Rescues/Assists and First Aid

- Pinned canoe just below HLP
- Cluster of boats at Salmon Falls
- Private boater backed down ramp at S. Falls

#### Accidents/First Aid
- Boater assistance – swimmers, gear
- Carrying capacity – safety and crowding issues
- Land use/Trespass
- Outfitter violations
- Pirate activities
- Property owner contacts – Complaints
- Quiet Zone – commercial and noncommercial

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<td>CBY+LP</td>
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<td>Patrol &amp; Ed</td>
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<tr>
<td>Byron</td>
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</table>
2019 River Patrol log

Date: 9-21-19
Flow: 1600

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<td></td>
<td>Patrol + Edu.</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid

Pinned Kayak below Bouncing Rock

Complaints between private & AWA Bath ways.
2019 River Patrol log

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
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Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<td>patrol</td>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

informed 4 Educated 3 tubers doing the Chili Bar Section. Informed them of egress locations and kept an eye on them. Mellow quiet day.
2019 River Patrol log

Date 8-2-19
Flow 1500

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<td>DAN</td>
<td>CB -&gt; HLP</td>
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<td>-</td>
<td>Patrol</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid

Nice, quiet day on the water
Amazed by all the tubers wearing pfd’s!
2019 River Patrol log

Date 8/13/19
Flow 1650

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<tr>
<td>Samie Byam</td>
<td>CB-7 HLP</td>
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<td>Patrol</td>
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</table>

Notable Events – Minor/Major Rescues/Assists and First Aid

Educated IK’ers at Northbeach about leashes to paddles - need for quick release in case of entanglement
glass use @ HLP upper trail
2019 River Patrol log

Date: 8-24-19  
Flow: 1960

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts - Complaints
Quiet Zone – commercial and noncommercial

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<tr>
<td>Peter Dan</td>
<td>CR</td>
<td>9</td>
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<tr>
<td>小鹏</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date 9-06-19
Flow 1600

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
Land use/Trespass
Outfitter violations
Pirate activities
Property owner contacts – Complaints
Quiet Zone – commercial and noncommercial

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<td>Sami</td>
<td>CB4+HP</td>
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<tr>
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Notable Events – Minor/Major Rescues/Assists and First Aid
2019 River Patrol log

Date _________________________

Flow _________________________

Accidents/First Aid
Boater assistance – swimmers, gear
Carrying capacity – safety and crowding issues
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<td>Patrol &amp; Educ.</td>
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Notable Events – Minor/Major Rescues/Assists and First Aid

last Day of Patrol
assisted kayaker/retrieve & pull to shore
2019 River Patrol log

Accidents/First Aid
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Notable Events – Minor/Major Rescues/Assists and First Aid