

# *El Dorado County River Management Plan Annual Report 2025*



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### **2025 El Dorado County River Management Plan Annual Report**

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## **El Dorado County River Management Plan**

### **2025 Annual Report**

#### ***INTRODUCTION***

The El Dorado County River Management Plan (RMP) 2025 Annual Report provides information on the 2025 river season and ongoing RMP implementation. The RMP is written as an adaptive management plan, and the Annual River Report is written with adaptive management goals in mind. This report will identify what has been successful and where we can improve. It will also identify suggested goals for 2026.

The Five-Year Review of the RMP was conducted in 2023/2024. There are several elements that were identified for clarification and updating. County staff is working with commercial outfitters, the Coloma Lotus Advisory Committee (CLAC) and several property owners. Some of the changes are simple clarifications and some of the changes are more involved. Continued efforts are being made to bring to the Parks and Recreation Commission, Planning Commission and the Board of Supervisor a complete report of proposed improvements.

## ***ADAPTIVE MANAGEMENT***

### ***Goals from the 2024 report, implemented in 2025***

- 1) Tuber counts at Hwy 49 took a back seat to our increased presence at Marshall Gold State Park. Staff and the Sheriff Deputy addressed many people on inner tubes that put-in at or above the State Park.
- 2) Increased county presence at the Marshall Gold put-in. County staff were able to spend several hours during water release days to engage with the public discussing private property, Quiet Zone and Personal Floatation Device (PFD) requirements.
- 3) County river staff was increased initially to six River Instructors. On the few days we had full staff, we were able to cover the entire 21 miles of river. There were however, a fair number of days we were not fully staffed.
- 4) Personal Floatation Device education is a standing goal that continues to be a priority. Engaging with river users without PFDs happens every day we are on the water.
- 5) The boat ramp at Henningsen Lotus Park was utilized much more by boaters putting in or taking out at the park. However, many people commented about the difficulty because of the larger boulders. Smaller vehicles struggle to drive closer to the waters edge.
- 6) Our increased focus at Marshall Gold provided more engagement with boaters and tubers utilizing the Coloma to Greenwood section of the river.
- 7) Access to the river for people with disabilities continues to be a research endeavor. County staff is actively looking for infrastructure and funding that can accommodate wheelchair and disabled persons access.
- 8) There was one river clean-up day scheduled which was cancelled due to many participants not being able to attend. Fortunately, there are several people that remove debris from the river on their own time. River staff also collect trash whenever it is found in the river. Commercial outfitters as well as members of the public help the county staff removing debris when they can.

### ***Goals set in 2025 for implementation in 2026***

In 2026 we hope to:

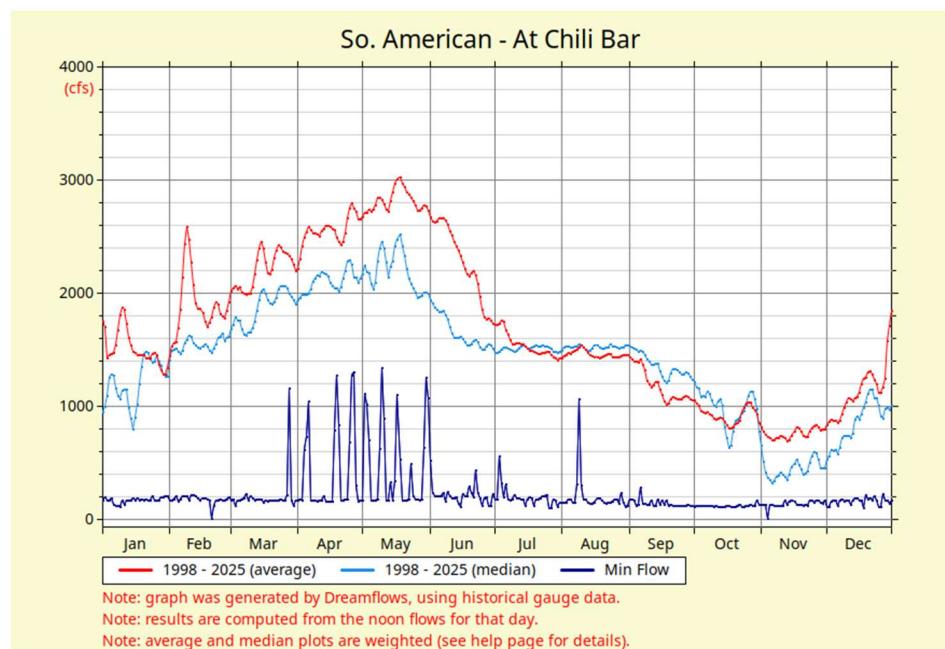
- 1) Continue monitoring of Inner Tubers between Marshall Gold State Park and Henningsen Lotus Park as this is a great way to measure the use of the river by Tubers and staff has seen success in compliance conducting outreach in this section.
- 2) Increase county staff presence at the Marshall Gold put-in, informing the users about the quiet zone, glass containers, PFD's, private property and other river information prior to putting on the water.
- 3) Increase presence to enforce and advise ordinance compliance on the river in all sections.
- 4) Continue life jacket education campaign with staff engagement and signage, as well as increase public awareness about trash and glass on the river.
- 5) Keep the boat ramp area at Henningsen Lotus Park clear of beach users and debris. Advise boaters to utilize the boat ramp instead of the beach for launching.
- 6) Conduct more boater counts at Barking Dog to monitor the middle section (C to G) boat traffic and outfitter compliance with the RMP guidelines.
- 7) Explore options to assist with getting people of all abilities access the river. Research portable wheelchair ramps or walkways for beach access.
- 8) Continue River clean up days. Contact outfitters and local agencies to coordinate.
- 9) Identify possible funding sources for land improvements for river access. Research possible grants or other sources for increasing river access.

## RIVER VALLEY

The South Fork of the American River is approximately 21 miles from Chili Bar Dam to Folsom Reservoir and is arguably the most rafted and kayaked river in the State of California and the west coast. Seven miles of this river flows through the Coloma Lotus Valley, a well-known historic and national recreational destination. There are four large public campgrounds: Camp Lotus, Coloma Resort, American River Resort, and Ponderosa Campground in addition to numerous outfitter campgrounds on the river. Marshall Gold Discovery State Historic Park, Henningsen Lotus County Park, and several Bureau of Land Management (BLM) parcels situated along the river are used by thousands of visitors annually, including Dave Moore Park and Cronan Ranch. 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 also available at the State Highway 49 Bridge. 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 and other forms of river recreation.

## WATER FLOWS

The precipitation for 2024/2025 was a below average year. The complete California Department of Water Resources Bulletin 120 (May 1, 2025) report is available at <http://cdec.water.ca.gov/snow/bulletin120/>.



*Daily average and median South Fork of the American River flow as recorded at Chili Bar 1998-2025*

The water year type in 2025 was designated as a “Below Normal” year. The water year type designation prescribes the minimum release schedule out of Chili Bar Reservoir for river recreation. The Federal Energy Regulatory Commission (FERC) licenses for Sacramento Municipal Utility District’s dams on the South Fork of the American River require regular recreational releases. The Sacramento Municipal Utility District manages the release schedule at Chili Bar.

The water year type from 2024 to 2025 resulted in fewer releases. The chart below explains the Water Year Type designations with corresponding minimum flow schedules out of Chili Bar Dam, per the FERC licenses.

**Table 1:** Chili Bar Dam Release Schedule by Water year Type (Note: 2025 was a “Below Normal” water year)

Minimum Recreational Flow for SF American River below Chili Bar Dam by Water Year Type, Duration and Flow in cfs								
Water Year Type	Period	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Super Dry	April 1 - Friday before Memorial Day	3 Hrs @ 1300	---	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300
	Memorial Day - Labor Day <sup>1</sup>	3 Hrs @ 1300	---	---	3 Hrs @ 1300	3 Hrs @ 1300	5 Hrs @ 1300	5 Hrs @ 1300
	Tuesday after Labor Day - September 30	---	---	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300
	October 1 - March 31	---	---	---	---	---	3 Hrs @ 1300	---
Critically Dry	March 1 - Friday before Memorial Day	3 Hrs @ 1300	---	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300
	Memorial Day - Labor Day <sup>1</sup>	3 Hrs @ 1300	---	---	3 Hrs @ 1300	3 Hrs @ 1300	5 Hrs @ 1500	5 Hrs @ 1500
	Tuesday after Labor Day - September 30	---	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300	3 Hrs @ 1300
	October 1 - February 28/29	---	---	---	---	---	3 Hrs @ 1300	---
Dry	March 1 - Friday before Memorial Day	3 Hrs @ 1300	3 Hrs @ 1300	---	---	3 Hrs @ 1300	3 Hrs @ 1500	3 Hrs @ 1500
	Memorial Day - Labor Day <sup>1</sup>	3 Hrs @ 1300	3 Hrs @ 1300	---	3 Hrs @ 1300	3 Hrs @ 1300	5 Hrs @ 1500	5 Hrs @ 1500
	Tuesday after Labor Day - September 30	---	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300	3 Hrs @ 1300
	October 1 - February 28/29	---	---	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300
Below Normal	March 1 - Friday before Memorial Day	3 Hrs @ 1300	3 Hrs @ 1300	---	3 Hrs @ 1300	3 Hrs @ 1300	3 Hrs @ 1500	3 Hrs @ 1500
	Memorial Day - Labor Day <sup>1</sup>	3 Hrs @ 1300	3 Hrs @ 1300	---	3 Hrs @ 1300	3 Hrs @ 1300	6 Hrs @ 1500	6 Hrs @ 1500
	Tuesday after Labor Day - September 30	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300	3 Hrs @ 1500	3 Hrs @ 1500
	October 1 - 31	3 Hrs @ 1300	---	---	---	3 Hrs @ 1300	3 Hrs @ 1500	3 Hrs @ 1500
	November 1 - February 28/29	---	---	---	---	---	3 Hrs @ 1300	3 Hrs @ 1300
Above Normal	March 1 - Friday before Memorial Day	3 Hrs @ 1300	4 Hrs @ 1750	4 Hrs @ 1750				
	Memorial Day - Labor Day <sup>1</sup>	3 Hrs @ 1500	6 Hrs @ 1750	6 Hrs @ 1750				
	Tuesday after Labor Day - September 30	---	---	---	3 Hrs @ 1500			
	October 1 - 31	3 Hrs @ 1300	---	---	---	3 Hrs @ 1300	3 Hrs @ 1500	3 Hrs @ 1500
	November 1 - February 28/29	---	---	---	---	---	3 Hrs @ 1500	3 Hrs @ 1500
Wet	March 1 - Friday before Memorial Day	3 Hrs @ 1500	6 Hrs @ 1750	6 Hrs @ 1750				
	Memorial Day - Labor Day <sup>1</sup>	4 Hrs @ 1500	6 Hrs @ 1750	6 Hrs @ 1750				
	Tuesday after Labor Day - September 30	---	---	---	3 Hrs @ 1500			
	October 1 - 31	3 Hrs @ 1300	---	---	---	3 Hrs @ 1300	3 Hrs @ 1500	3 Hrs @ 1500
	November 1 - February 28/29	---	---	---	---	---	3 Hrs @ 1500	3 Hrs @ 1500

<sup>1</sup> The “Memorial Day - Labor Day” period refers to Saturday of Memorial Day weekend through Monday of Labor Day weekend.

## ***RIVER USE***

Whitewater flows on the South Fork American River have only been available consistently from year to year because of the Federal Energy Regulatory Commission (FERC) licenses' minimum recreational water flow requirements.

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 the Coloma to Greenwood Creek (C to G) run could easily be 9,000 people, based on an estimated average of 300 people per weekend day.

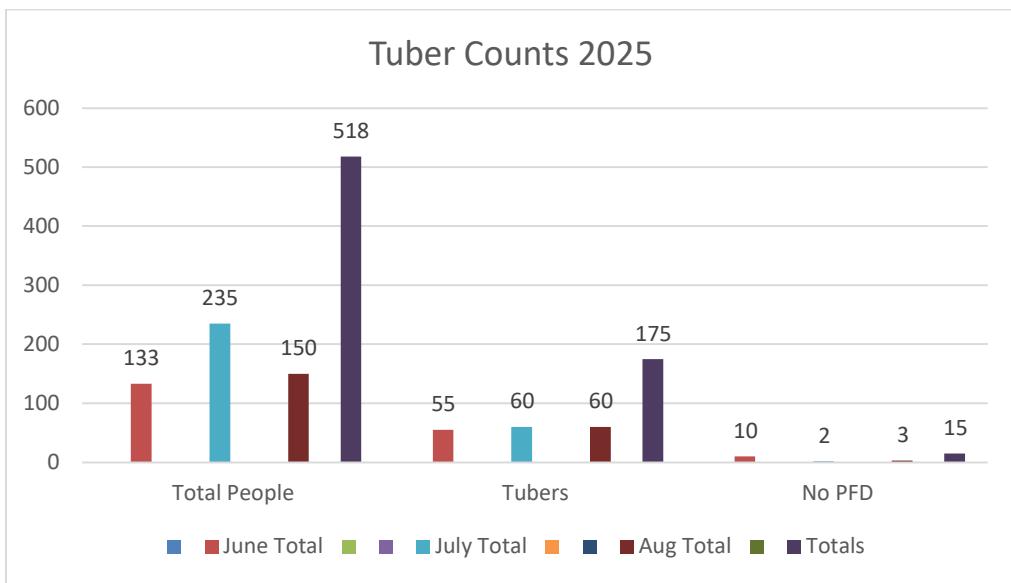
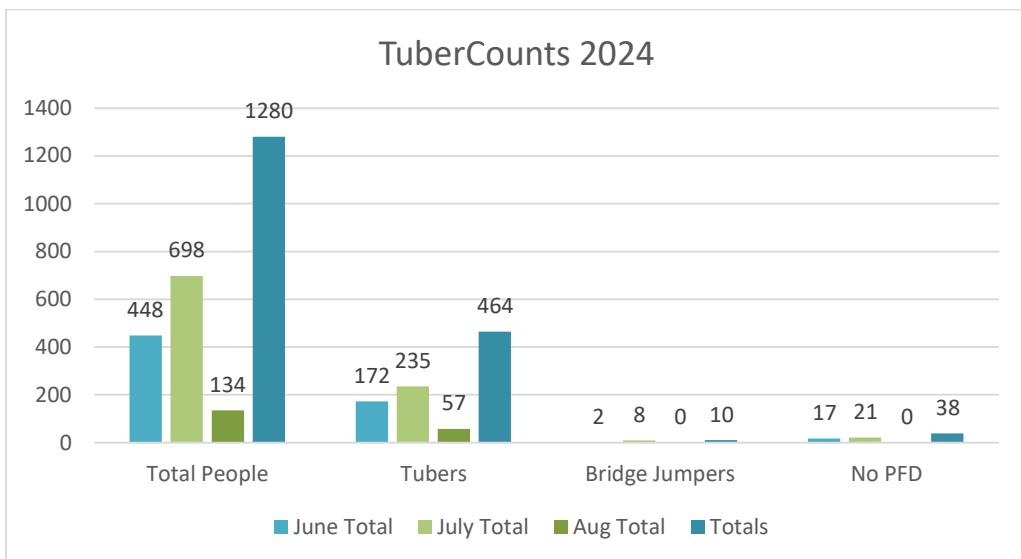
Coloma to Greenwood Creek (C to G) is about 5 miles of class II. This section, in the Coloma Lotus Valley, continues to be a popular section of the river. Many types of boaters utilize this section of river, including rafters, kayakers, Stand up Paddle boarders (SUPs) and inner tubers. Along with downriver floats, many skills classes and trainings are given by permitted outfitters. Usage includes multiple runs, use during minimal flow and non-scheduled release days. Many people also access alternative put-ins and take-outs.

## ***RIVER USE PREFERENCES***

The lower section, or “Gorge Run” continues to be the preferred section to run. However, when Folsom Lake is at or near capacity, many private boaters avoid the long, flat water paddle out to the Skunk Hollow take out. Commercial outfitters utilize motorized craft (personal watercraft or motorboats) to tow out their clients and rafts. Total river use in 2025 was 60,888 commercial users. Whole river trips most likely reflect release levels, as higher flow rates increase speed, thus allowing for more trips to cover the entire length of the South Fork in a day. Lower, slower flows likely deter whole-river trips. The middle, C to G section of the river is the most accessible section for floating of inner tubes, paddleboards, and other small inflatable crafts.

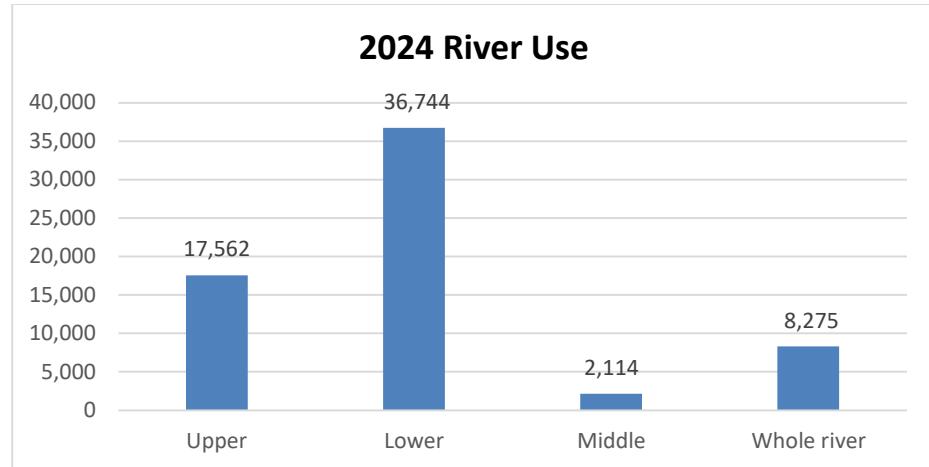
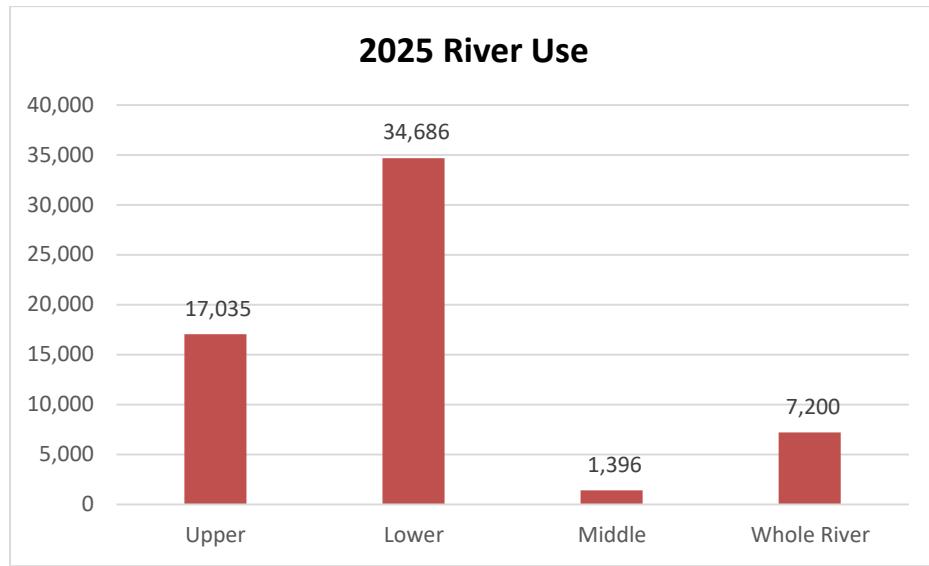
## 2025 INNER TUBER COUNTS

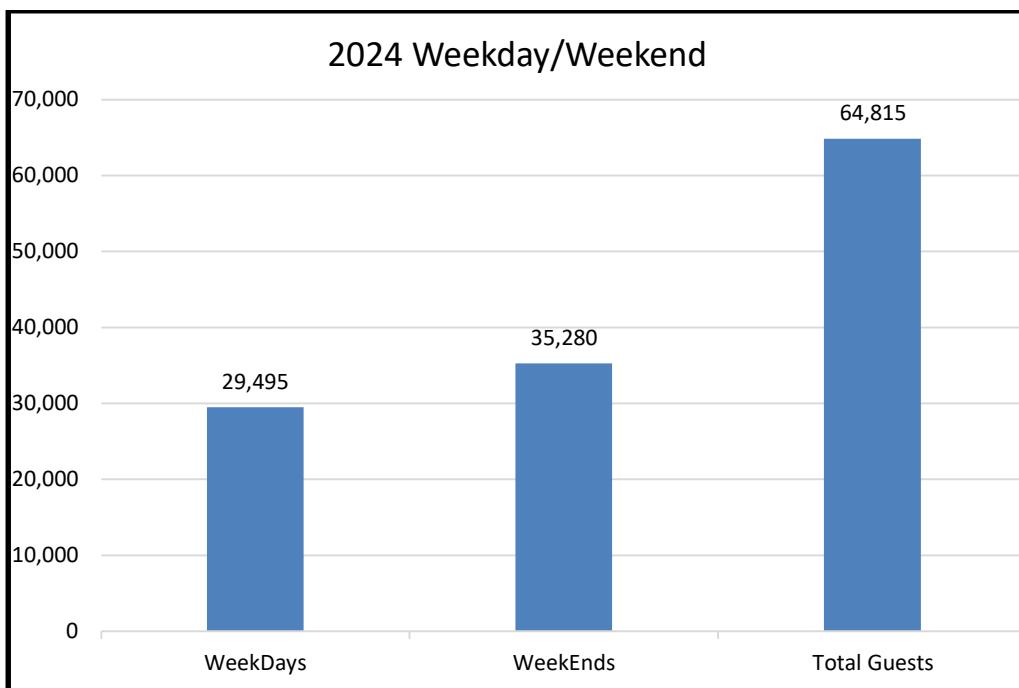
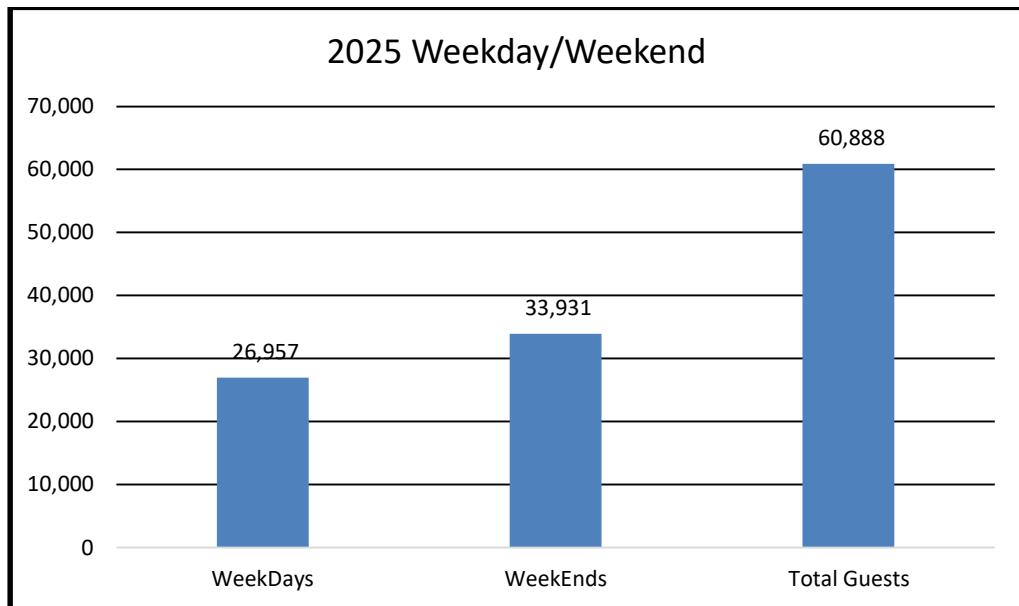
River staff were able to conduct several counts focusing on Inner Tubers and river traffic at Marshall Gold State Park and Hwy 49 bridge. Staff counted all types of craft, but the graph focuses on Tubers. In 2024 staff counted a total of 15 days and in 2025 staff counted on 18 days for a total of about 35 hours. The increased focus at Marshall Gold helped address river patrons about the Quiet Zone, private property and PFD requirements. There were no bridge jumpers observed in 2025.



## OUTFITTER USE

Commercial outfitters are the primary source for public rafting excursions on the South Fork. There were 27 permitted outfitters in 2025. Electronic Monthly Operating Reports (eMOR's) are regularly submitted by the commercial outfitters to the County Parks staff. The total count for commercial use was 60,888. Whole-river trips accounted for an average of 12% of the total use in 2025. Trips solely on the upper section were 28% and trips on the lower section were 58% of total 2025 use. The middle section (C to G) had 2% of reported use. The lower section is better equipped with put-in and take-out facilities. The higher counts on the lower section likely reflects a preference for a more extended day trip for commercial passengers. While weekend days are more popular, there is also significant weekday use with special group trips such as schools or team building groups. Permitted outfitters are listed in appendix B.





## ***INSTITUTIONAL GROUP USE***

Only organizations teaching accredited educational courses are able to register as Institutional Groups. Staff worked with the nonprofit groups (previously identified as institutional groups) to meet the requirement for commercial use. Four of the six non-profit groups obtained their commercial permit in 2025.

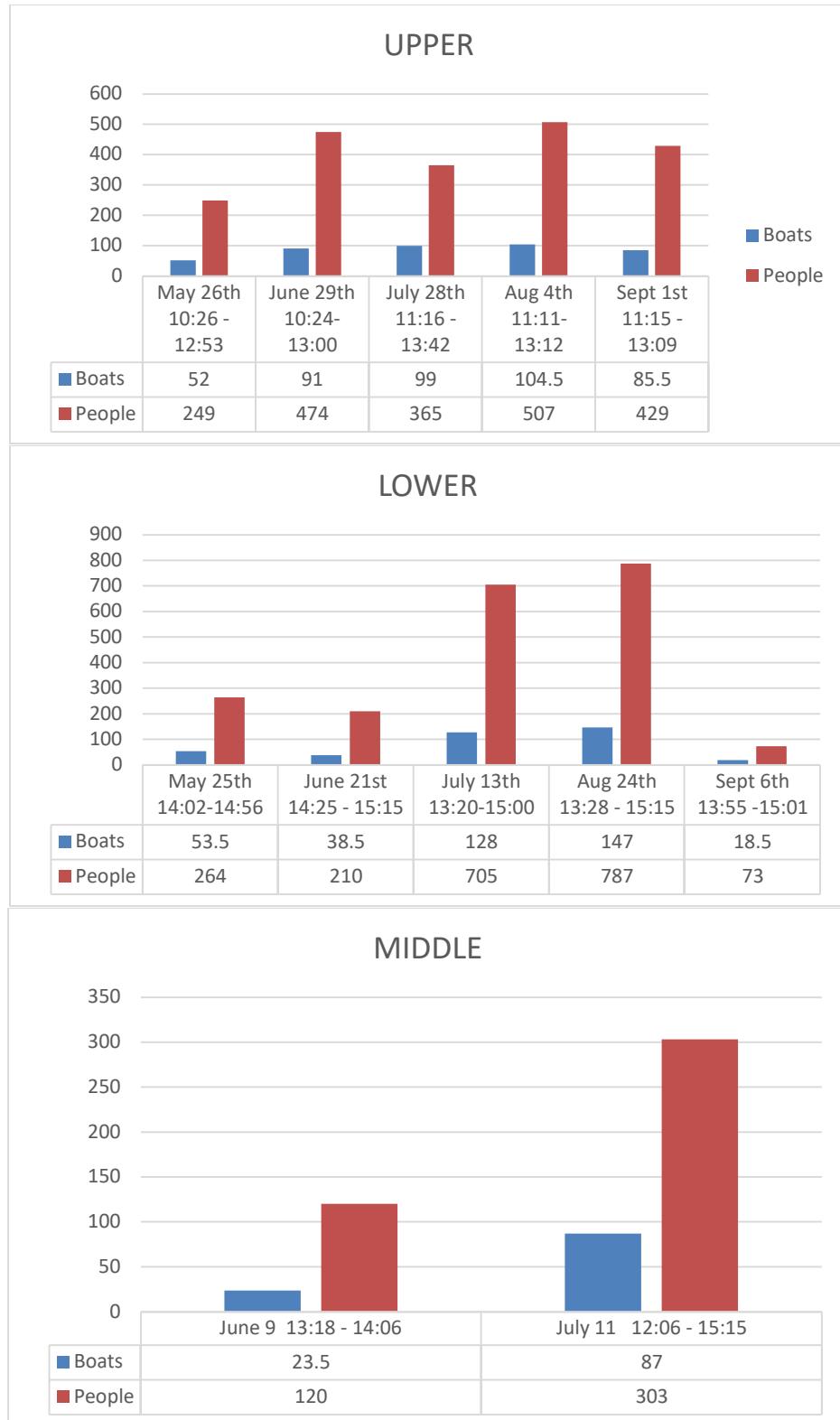
## ***BOAT DENSITY***

The boat density safety measures aim to prevent boating safety hazards from occurring due to boat congestion on weekends. In the event boat counts exceed a “density threshold”, the County will implement management actions to address density and associated safety issues on the South Fork as specified in Element 7 of the RMP.

Boat density measurements come from taking an aggregate total of all rafts, kayaks, inflatable kayaks, and inner tubes, paddleboards, or similar flotation devices. The sources of data utilized for estimating river use were boat counts completed as identified in Appendix C of the RMP, page 94. Density Threshold: 300 boats in 2 hours (based on  $\frac{1}{4}$  hour increments and a rolling 2-hour period) at Meatgrinder, Troublemaker, Barking Dog, Fowlers Rock or Satan’s Cesspool rapids on two days during any one season. Two kayaks are equal to one boat for the purpose of determining boat density.

The following graphs show the highest number of counts each month. The Lower section counts are taken at “Fowlers” or “Satan’s Cesspool” rapids. The Upper section counts are taken at “Meatgrinder” or “Troublemaker” rapids. Middle section counts are taken at “Barking Dog” rapid below Camp Lotus. River staff counted on about 65 days for approximately 130 hours.

Carrying capacity was not exceeded; therefore, no mitigation measures to restrict boating use were necessary for 2025. In the following graphs each month’s counts are the highest counted day for that month.



## **2025 COUNTY STAFF ACTIVITIES**

In the 2025 season County river staff started with 6 River Instructors (extra help) and the Parks Program Coordinator. Unfortunately, some of the River Instructor staff were not available for the entire season or for all the water release days. River staff worked closely with the Sheriff's deputy to monitor river activity and focused more on the Coloma to Greenwood section. Day-to-day activities for staff included:

- 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.
- Stocked kiosks with waterproof river maps that provide boaters with the locations of restrooms, put-ins and take-outs, quiet zone locations, names of rapids with public and private land designations, agency and campground phone numbers, and a boating safety checklist.
- Assisted law enforcement, upon request.
- Educated tubers on river safety and life jackets in the C to G section.
- Emphasized controlling quiet zone noise, respecting private property, use of public lands, litter education, and use of life jackets by all boaters and inner-tubers.
- Regulate commercial use in the quiet zone for compliance.
- Provided safety information to people floating/boating on the class II section.
- Boat counts as identified in the RMP for carrying capacity.
- Water samples as identified in the RMP.

County river staff also was able to remove hazardous logs and a pinned canoe at Old Scary rapid. These objects represent an entrapment or “strainer” hazard to boaters and especially Tubers.



**Log strainer at Old Scary Rapid**



**River Instructor Oscar Murillo rigging to remove a pinned canoe**

## **Education and Outreach**

River Instructors as well as seasonal park staff were regularly on the beach and trails of Henningsen Lotus Park. Staff conducted numerous educational discussions with individuals about the glass container ordinance along the river. The Wilkensen Trail, which runs along river left shore from Henningsen Lotus Park upstream to the Highway 49 bridge, continues to be a popular section for beach goers. Tubers also put in or take out along this section. Staff engaged with the public frequently to provide safety information.

Private property owners have expressed a lot of concern about trespassers and loiterers on their river front land. The South Fork American river is a navigable waterway. In California, "navigable waters" are either those used, or capable of being used, for commerce (the federal definition) or those capable of being navigated by small recreational craft like rafts, kayaks or canoes, regardless of whether they are used for commerce (the state's public right of navigation definition). California courts have adopted a state test where a stream is navigable if it can be floated for most of the year, which grants the public rights to use the water up to the high-water mark. However, the use of private property should only be for an emergency or urgent situation. General public should not loiter on private property without permission. County river staff engage with people using private river beaches and landings to determine if they need assistance or have permission from the property owner to use the land. County staff advises the public to respect the property owners and continue down river or portage if they are not feeling safe.

Along with existing signage and personal contact, the public is generally understanding of the safety concerns and ordinances for glass containers and proper PFD use. Continued education and outreach are the main focus for River staff.



Educational Signage

***EL DORADO COUNTY LAW ENFORCEMENT***

During the 2025 rafting season, EL Dorado County Sheriff Deputy Julian Sandoval, patrolled the South Fork of the American River from Chili Bar to Folsom Lake on a river raft. He, along with a patrol partner, spent more than 521 hours on the river. This total does not include the time spent on equipment maintenance, reporting, training, etc.

Below is a summary of quantifiable activity on River Patrol:

Contact with approximately 3,730 boats (kayaks, rafts, SUPS, inner tubes, etc.) and an estimated 11,344 people.

Made approximately 387 contacts with the public, some of which were educational or enforcement in nature. These included advisements on PFDs, navigation, safety, ordinance (glass bottles, bridge jumping, trespassing), reckless behavior, intoxication, and inappropriate behavior.

54 Citizen assists

170 Public Relations Events

6 Citations

14 Search and Rescues

1 Drug case involving the collection of over 40 grams of Methamphetamine (Case #25-6358)

1 Case for indecent exposure. (Case #25-5207)

1 Civil case (Case #25-4573)

2 Informational cases regarding river education.

Tourists were educated about the dangers of high-water levels. Many arrived at the river with poor quality gear that could have caused them serious bodily injury or death. In these cases, those individuals were educated, and some were escorted down river on the EDSO raft. EDSO gave away about 50 PFD's that were donated by the Department of Boating Water Ways throughout this season, which assisted in the prevention of injury or drowning.

## ***OUTFITTER VIOLATIONS***

Violations are issued to commercial permitted outfitters if they do not follow the ordinances and guidelines in the River Management Plan. In 2025 there were 3 violations issued.

### Class I:

Element 6.2.10.1.4 - Boat Marking Requirements  
Element 6.2.10.1.1.5 - Operating Report Requirements

### Class II:

Element 6.2.10.1.2.4 - Fraudulent Reporting of User Days

## ***WATER QUALITY***

The water quality monitoring bacterial test results in 2025 showed acceptable levels throughout the season. Water testing is done the first week of the month May – September. The test locations are The Nugget, North Shore (Marshall Gold), HLP, Greenwood Creek and Salmon Falls. Two samples are taken, at the shore and a transect (combination of right and left shores and river center), except at Salmon Falls which is just a shore sample.

Water test results are reported to the County Environmental Management Department in accordance with RMP section 4.4. Environmental Management monitors the water sample results and informs the Parks Division if action is needed.

Test results are attached in Appendix A.

## ***BUDGET***

The budget for the Parks River Program is provided by a special revenue fund. The primary source of funding since 1997 is a \$2.00 per guest user fee paid by permitted outfitters. Any fee change is subject to additional action by the Board of Supervisors. Any funding needs will take into consideration any changes which could increase or decrease the level of funding needed to implement the updated RMP. The table below provides a snapshot of the 2025/2026 adopted budget, and the 2024/2025 River Trust Fund revenues, expenditures, and ending fund balance.

### **River Trust Fund Balance and Budget Summary**

<b>Fiscal Year 2024-25 Actuals</b>	
Fund Balance as of July 1, 2024	\$304,794
Revenue	\$178,708
Expenditures	\$137,583
Fund Balance as of June 30, 2025	\$345,919
<b>Fiscal Year 2025-26 Adopted Budget</b>	
Budgeted Expenditures	\$186,352
Budgeted Revenue	\$175,000
Anticipated fund balance as of June 30, 2026	\$334,567

### ***PUBLIC COMMENTS:***

None received.

***CLOSING***

The El Dorado County Parks division has been very successful with collaborating with the El Dorado County Sheriff's marine unit, the Bureau of Land Management, State Parks, commercial outfitters and the public in implementing the River Management Plan. With ongoing efforts to improve and update our county ordinances and policies every consideration is given to provide education, implementation, and enforcement of those regulations.

# Appendix

## Appendix A

Water Sample reports from Water Environmental Testing Laboratory, Inc. and the California Laboratory Services

Samples are taken May – September in the first week of the month.



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05/13/25 15:08

Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: EDC Parks & Recreation River Project Number: 25-EDC-01-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25E0249 COC #:
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## Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EP-1 Salmon Falls (25E0249-01) SW Sampled: 05/06/25 11:26 Received: 05/06/25 15:47</b>									
Total Coliforms	>2419.6	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	151.5	1.0	"	"	"	"	"	"	"
<b>EP-2 Greenwood Creek - Shore (25E0249-02) SW Sampled: 05/06/25 11:00 Received: 05/06/25 15:47</b>									
Total Coliforms	579.4	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	12.2	1.0	"	"	"	"	"	"	"
<b>EP-3 Greenwood Creek - Transect (25E0249-03) SW Sampled: 05/06/25 11:00 Received: 05/06/25 15:47</b>									
Total Coliforms	387.3	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	20.3	1.0	"	"	"	"	"	"	"
<b>EP-4 North Beach - Shore (25E0249-04) SW Sampled: 05/06/25 10:04 Received: 05/06/25 15:47</b>									
Total Coliforms	275.5	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	6.3	1.0	"	"	"	"	"	"	"
<b>EP-5 North Beach - Transect (25E0249-05) SW Sampled: 05/06/25 10:04 Received: 05/06/25 15:47</b>									
Total Coliforms	248.9	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	12.2	1.0	"	"	"	"	"	"	"
<b>EP-6 Nugget - Shore (25E0249-06) SW Sampled: 05/06/25 09:15 Received: 05/06/25 15:47</b>									
Total Coliforms	325.5	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	12.1	1.0	"	"	"	"	"	"	"
<b>EP-7 Nugget - Transect (25E0249-07) SW Sampled: 05/06/25 09:15 Received: 05/06/25 15:47</b>									
Total Coliforms	410.6	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	7.3	1.0	"	"	"	"	"	"	"

3249 Fitzgerald Road, Rancho Cordova, CA 95742 | 800.638.7301 | Tel: 916.638.7301 x102 | Fax: 916.638.4510 | [www.californialab.com](http://www.californialab.com)  
 Small Business #2916 | ELAP #1233 | NAICS #541380 | CA SWRCB ELAP Accreditation/Registration Number 1233  
 For regulatory purposes, please refer to [www.californialab.com/certifications](http://www.californialab.com/certifications), to find a list of approved analytes by method.



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05/13/25 15:08

Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: EDC Parks & Recreation River Project Number: 25-EDC-01-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25E0249 COC #:
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#### Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EP-8 HLP - Shore (25E0249-08) SW Sampled: 05/06/25 10:26 Received: 05/06/25 15:47</b>									
Total Coliforms	387.3	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	13.5	1.0	"	"	"	"	"	"	"
<b>EP-9 HLP - Transect (25E0249-09) SW Sampled: 05/06/25 10:26 Received: 05/06/25 15:47</b>									
Total Coliforms	307.6	1.0	MPN/100 mL	1	2503751	05/06/25 16:35	05/07/25	SM9223	
E. Coli	21.3	1.0	"	"	"	"	"	"	"

3249 Fitzgerald Road, Rancho Cordova, CA 95742 | 800.638.7301 | Tel: 916.638.7301 x102 | Fax: 916.638.4510 | [www.californialab.com](http://www.californialab.com)  
 Small Business #2916 | ELAP #1233 | NAICS #541380 | CA SWRCB ELAP Accreditation/Registration Number 1233  
 For regulatory purposes, please refer to [www.californialab.com/certifications](http://www.californialab.com/certifications), to find a list of approved analytes by method.



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06/10/25 14:25

Wet Laboratory  
5649 Milton Ranch Rd.  
Shingle Springs, CA 95682

Project: EDC Parks & Recreation River  
Project Number: 25 -EDC- 02 -R  
Project Manager: Rick R. Blodgett

CLS Work Order #: 25F0127  
COC #:

#### Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EP-1 Salmon Falls (25F0127-01) SW</b> Sampled: 06/03/25 11:15 Received: 06/03/25 15:48									
Total Coliforms	2419.6	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	48.7	1.0	"	"	"	"	"	"	"
<b>EP-2 Greenwood Creek - Shore (25F0127-02) SW</b> Sampled: 06/03/25 10:40 Received: 06/03/25 15:48									
Total Coliforms	574.8	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	16.0	1.0	"	"	"	"	"	"	"
<b>EP-3 Greenwood Creek - Transect (25F0127-03) SW</b> Sampled: 06/03/25 10:40 Received: 06/03/25 15:48									
Total Coliforms	436.0	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	12.2	1.0	"	"	"	"	"	"	"
<b>EP-4 North Beach - Shore (25F0127-04) SW</b> Sampled: 06/03/25 10:08 Received: 06/03/25 15:48									
Total Coliforms	579.4	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	5.2	1.0	"	"	"	"	"	"	"
<b>EP-5 North Beach - Transect (25F0127-05) SW</b> Sampled: 06/03/25 10:08 Received: 06/03/25 15:48									
Total Coliforms	579.4	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	4.1	1.0	"	"	"	"	"	"	"
<b>EP-6 Nugget - Shore (25F0127-06) SW</b> Sampled: 06/03/25 09:30 Received: 06/03/25 15:48									
Total Coliforms	547.5	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	4.1	1.0	"	"	"	"	"	"	"
<b>EP-7 Nugget - Transect (25F0127-07) SW</b> Sampled: 06/03/25 09:30 Received: 06/03/25 15:48									
Total Coliforms	727.0	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	3.1	1.0	"	"	"	"	"	"	"

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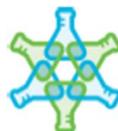
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Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: EDC Parks & Recreation River Project Number: 25 -EDC- 02 -R Project Manager: Rick R. Blodgett	CLS Work Order #: 25F0127 COC #:
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## Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EP-8 HLP - Shore (25F0127-08) SW</b> Sampled: 06/03/25 10:22 Received: 06/03/25 15:48									
Total Coliforms	488.4	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	9.8	1.0	"	"	"	"	"	"	"
<b>EP-9 HLP - Transect (25F0127-09) SW</b> Sampled: 06/03/25 10:22 Received: 06/03/25 15:48									
Total Coliforms	574.8	1.0	MPN/100 mL	1	2504653	06/03/25 17:05	06/04/25	SM9223	
E. Coli	9.7	1.0	"	"	"	"	"	"	"



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Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: EDC Parks & Recreation River Project Number: LB25-161-EDC-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25G0106 COC #:
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## Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EDC 1 - Salmon Falls (25G0106-01) SW Sampled: 07/01/25 12:00 Received: 07/01/25 15:37</b>									
E. Coli	8.4	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	1299.7	1.0	"	"	"	"	"	"	"
<b>EDC 2 - Greenwood Creek - Shore (25G0106-02) SW Sampled: 07/01/25 12:50 Received: 07/01/25 15:37</b>									
E. Coli	155.3	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	1119.9	1.0	"	"	"	"	"	"	"
<b>EDC 3 - Greenwood Creek - Transect (25G0106-03) SW Sampled: 07/01/25 12:50 Received: 07/01/25 15:37</b>									
E. Coli	11.6	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	1046.2	1.0	"	"	"	"	"	"	"
<b>EDC 4 - North Beach - Shore (25G0106-04) SW Sampled: 07/01/25 10:30 Received: 07/01/25 15:37</b>									
E. Coli	108.6	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	829.7	1.0	"	"	"	"	"	"	"
<b>EDC 5 - North Beach - Transect (25G0106-05) SW Sampled: 07/01/25 10:30 Received: 07/01/25 15:37</b>									
E. Coli	112.6	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	1203.3	1.0	"	"	"	"	"	"	"
<b>EDC 6 - Nugget - Shore (25G0106-06) SW Sampled: 07/01/25 10:05 Received: 07/01/25 15:37</b>									
E. Coli	15.6	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	>2419.6	1.0	"	"	"	"	"	"	"
<b>EDC 7 - Nugget - Transect (25G0106-07) SW Sampled: 07/01/25 10:05 Received: 07/01/25 15:37</b>									
E. Coli	9.8	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	1119.9	1.0	"	"	"	"	"	"	"

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Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: EDC Parks & Recreation River Project Number: LB25-161-EDC-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25G0106 COC #:
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## Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EDC 8 - HLP - Shore (25G0106-08) SW   Sampled: 07/01/25 10:50   Received: 07/01/25 15:37</b>									
E. Coli	116.2	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	1119.9	1.0	"	"	"	"	"	"	"
<b>EDC 9 - HLP - Transect (25G0106-09) SW   Sampled: 07/01/25 10:50   Received: 07/01/25 15:37</b>									
E. Coli	56.5	1.0	MPN/100 mL	1	2505562	07/01/25	07/02/25	SM9223	
Total Coliforms	1046.2	1.0	"	"	"	"	"	"	"

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Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: EDC Parks & Recreation Project Number: EDC25-04-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25H0215 COC #: 239894
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## Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EDC 1: Salmon Falls (25H0215-01) SW</b> Sampled: 08/05/25 13:05 Received: 08/05/25 15:40									
Total Coliforms	1299.7	1.0	MPN/100 mL	1	2506586	08/05/25 17:15	08/06/25	SM9223	
E. Coli	9.7	1.0	"	"	"	"	"	"	"
<b>EDC 2: Greenwood Shore (25H0215-02) SW</b> Sampled: 08/05/25 12:30 Received: 08/05/25 15:40									
Total Coliforms	1732.9	1.0	MPN/100 mL	1	2506586	08/05/25 17:15	08/06/25	SM9223	
E. Coli	23.8	1.0	"	"	"	"	"	"	"
<b>EDC 3: Greenwood Transect (25H0215-03) SW</b> Sampled: 08/05/25 12:30 Received: 08/05/25 15:40									
Total Coliforms	1413.6	1.0	MPN/100 mL	1	2506586	08/05/25 17:15	08/06/25	SM9223	
E. Coli	52.0	1.0	"	"	"	"	"	"	"
<b>EDC 4: North Beach Shore (25H0215-04) SW</b> Sampled: 08/05/25 11:30 Received: 08/05/25 15:40									
Total Coliforms	1203.3	1.0	MPN/100 mL	1	2506586	08/05/25 17:15	08/06/25	SM9223	
E. Coli	62.9	1.0	"	"	"	"	"	"	"
<b>EDC 5: North Beach Transect (25H0215-05) SW</b> Sampled: 08/05/25 11:30 Received: 08/05/25 15:40									
Total Coliforms	1203.3	1.0	MPN/100 mL	1	2506586	08/05/25 17:15	08/06/25	SM9223	
E. Coli	30.9	1.0	"	"	"	"	"	"	"
<b>EDC 6: Nugget Shore (25H0215-06) SW</b> Sampled: 08/05/25 10:00 Received: 08/05/25 15:40									
Total Coliforms	2419.6	1.0	MPN/100 mL	1	2506586	08/05/25 17:15	08/06/25	SM9223	
E. Coli	9.7	1.0	"	"	"	"	"	"	"
<b>EDC 7: Nugget Transect (25H0215-07) SW</b> Sampled: 08/05/25 10:00 Received: 08/05/25 15:40									
Total Coliforms	2419.6	1.0	MPN/100 mL	1	2506586	08/05/25 17:15	08/06/25	SM9223	
E. Coli	10.9	1.0	"	"	"	"	"	"	"

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Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: EDC Parks & Recreation Project Number: EDC25-04-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25H0215 COC #: 239894
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#### Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EDC 8: HLP Shore (25H0215-08) SW Sampled: 08/05/25 12:00 Received: 08/05/25 15:40</b>									
Total Coliforms	1986.3	1.0	MPN/100 mL	1	2506386	08/05/25 17:15	08/06/25	SM9223	
E. Coli	43.5	1.0	"	"	"	"	"	"	"
<b>EDC 9: HLP Transect (25H0215-09) SW Sampled: 08/05/25 12:00 Received: 08/05/25 15:40</b>									
Total Coliforms	1299.7	1.0	MPN/100 mL	1	2506386	08/05/25 17:15	08/06/25	SM9223	
E. Coli	48.0	1.0	"	"	"	"	"	"	"



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Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: El Dorado County River Project Number: 25EDC-05-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25I0293 COC #: 240617
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## Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EDC1 - Salmon Falls (25I0293-01) Water</b> Sampled: 09/04/25 13:00 Received: 09/04/25 15:35									
Total Coliforms	866.4	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	20.3	1.0	"	"	"	"	"	"	"
<b>EDC2 - Greenwood Shore (25I0293-02) Water</b> Sampled: 09/04/25 12:30 Received: 09/04/25 15:35									
Total Coliforms	980.4	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	21.3	1.0	"	"	"	"	"	"	"
<b>EDC3 - Greenwood Trans (25I0293-03) Water</b> Sampled: 09/04/25 12:30 Received: 09/04/25 15:35									
Total Coliforms	1203.3	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	24.9	1.0	"	"	"	"	"	"	"
<b>EDC4 - North Beach Shore (25I0293-04) Water</b> Sampled: 09/04/25 11:00 Received: 09/04/25 15:35									
Total Coliforms	727.0	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	17.1	1.0	"	"	"	"	"	"	"
<b>EDC5 - North Beach Trans (25I0293-05) Water</b> Sampled: 09/04/25 11:00 Received: 09/04/25 15:35									
Total Coliforms	816.4	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	9.8	1.0	"	"	"	"	"	"	"
<b>EDC6 - Nugget - Shore (25I0293-06) Water</b> Sampled: 09/04/25 09:59 Received: 09/04/25 15:35									
Total Coliforms	920.8	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	9.8	1.0	"	"	"	"	"	"	"
<b>EDC7 - Nugget Transect (25I0293-07) Water</b> Sampled: 09/04/25 09:53 Received: 09/04/25 15:35									
Total Coliforms	456.9	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	10.8	1.0	"	"	"	"	"	"	"

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Wet Laboratory 5649 Milton Ranch Rd. Shingle Springs, CA 95682	Project: El Dorado County River Project Number: 25EDC-05-R Project Manager: Rick R. Blodgett	CLS Work Order #: 25I0293 COC #: 240617
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## Microbiological Parameters by APHA Standard Methods

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>EDC8 - HLP Shore (25I0293-08) Water</b> Sampled: 09/04/25 11:34 Received: 09/04/25 15:35									
Total Coliforms	866.4	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	14.6	1.0	"	"	"	"	"	"	"
<b>EDC9 - HLP Transect (25I0293-09) Water</b> Sampled: 09/04/25 11:34 Received: 09/04/25 15:35									
Total Coliforms	816.4	1.0	MPN/100 mL	1	2507523	09/04/25 16:45	09/05/25	SM9223	
E. Coli	8.6	1.0	"	"	"	"	"	"	"

## Appendix B

**2025 PERMITTED OUTFITTERS**

Updated: 6/18/2025

ABBREVIATION	NAME	PERMIT#
TRAVIS	Travis AFB, Outdoor Recreation	81
MLRT	Mother Lode River Trips	51, 61, 68
CLW	Coloma Lotus Whitewater, LLC	20
RNW	Rock-N-Water	55
RRI	River Runners	05
AWE	American Whitewater Expeditions	34, 40, 45, 48
OARS	O.A.R.S. West, Inc.	14, 58, 70
HWT	Healing Waters Wilderness Adventures	85
ASI	ASI, Peak Adventures	38
TRWT	Tributary Whitewater Tours	01, 11, 50
ARTA	American River Touring Association	32
WET	WET River Trips	08
OAUCD	Outdoor Adventures - UC Davis	75
CWC	California Watersport Collective	24
ICO	Inspiring Connections Outdoors	83
WHEX	Whitewater Excitement	23, 30, 43
H2O	H2O Adventures	72
FOR	Friends of the River	82
AOI	All Outdoors	10, 49, 52
CAKS	Current Adventures	33
SWW	Sierra Whitewater	19, 74
TWT	Tahoe Whitewater Tours	60
BLA	Beyond Limits Adventures	25
AWA	Action Whitewater Adventures	13, 28, 44, 63, 67
CHICO	CSU Chico - Adventure Outings	27