## STUDY REPORT RR-03 LOWER TUOLUMNE RIVER LOWEST BOATABLE FLOW

### ATTACHMENT A

## LOWEST BOATABLE FLOW QUESTIONNAIRE

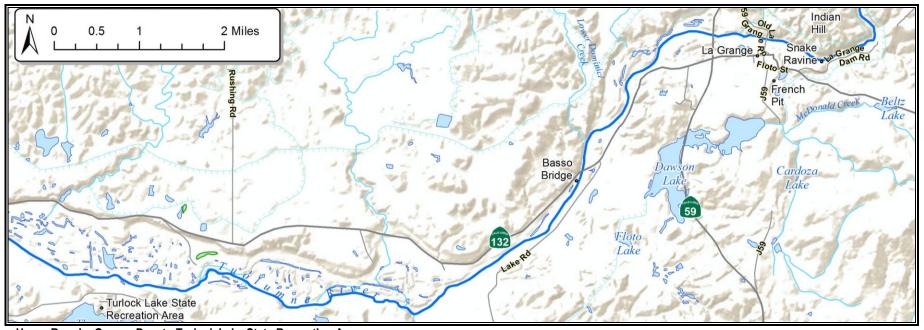
# **BOATING SURVEY for the LOWER TUOLUMNE RIVER**

Thank you for participating in the Lower Tuolumne River Boatable Flow Study.	Questions About the Run You Just Completed		
The following questionnaire will help MID and TID understand more about the	10. Please indicate the date, flow level, put-in & take-out locations for your run.		
lowest boatable flow on the Lower Tuolumne River.	a. Date:		
1. Approximately how many times have you boated this reach?	b. Flow (cfs):		
a. Total number of times (including today)	c. Put-in location:		
b. Number of time in the last 12 months (including today)	d. Take-out location:		
c. What months of the year do you normally boat this reach? (Circle all that apply)	11. What type of watercraft did you use?		
Jan Feb Mar Apr <sup>Ma</sup> Jun Jul Aug Sep Oct Nov Dec	☐ Canoe ☐ Sit-on-top kayak ☐ Tube		
2. How many years have you been boating the reach?	☐ Kayak ☐ Drift raft ☐ Other. Specify:		
z. How many years have you been boating the reach?	12. Did you encounter other boaters during this run (not part of this study group)?		
3. In general, how many days per year do you spend flatwater boating?	□ No □ Yes ► How many? What type of watercraft?		
4. What type of boats do you commonly use for flatwater boating?	13. What type of hazards and challenges did you encounter on this run?		
☐ Canoe ☐ Sit-on-top kayak ☐ Tube	□ Portages. How many?		
☐ Kayak ☐ Drift raft ☐ Other. Specify:	<ul> <li>Debris or overhanging vegetation that was difficult to avoid. How many locations?</li> <li>Scraped bottom. How many times?</li> </ul>		
5. How would you rate your flatwater boating skill level?	☐ Exciting or fun runs or chutes. How many locations?		
□ Expert □ Intermediate	Using the map on the back, mark the locations of hazards & challenges you encountered.		
☐ Highly skilled ☐ Novice/Beginner	(P = Portage, D=Debris/overhanging vegetation, Sc = Scraped bottom, E=Exciting/fun run or chute)		
6. What sources of information do you use for Lower Tuolumne River flow information?	14. How long did it take you to complete the run?hoursminutes		
(Check all that apply.)  ☐ USGS website ☐ Visual observation ☐ I don't look for flow information	15. For the watercraft-type you boated in for this run, was this flow boatable?		
☐ TID or MID websites ☐ Other boaters	□ No □ Yes		
7. How far in advance do you need flow information to use it for planning trips to the	16. Do you think this flow is boatable for other watercraft-types?		
Lower Tuolumne River?	☐ No ☐ Yes If YES, which types?		
☐ More than 48 hours ☐ 12-24 hours			
☐ 24-48 hours ☐ Fewer than 12 hours	17. Describe the quality & functionality of the put-in & take-out locations you used.  a. Put-In:		
8. Approximately how many miles is it from your home to here?	a. Put-III		
O Book to the second to the Potential Control of the second to the secon	b. Take-Out:		
9. Based on your experience, list comparable river reaches to this one.			
a	Recreation Activities Other Than Boating		
b	· ·		
C	18. Did you observe any recreation activity besides boating during this run?		
d	<ul><li>☐ Swimming</li><li>☐ Bicycling</li><li>☐ Relaxing or playing on the shore</li><li>☐ Fishing</li><li>☐ Hiking or walking</li></ul>		
e	Using the map on the back, mark the locations of recreation activities you observed.		
<u> </u>	(Sw=Swimming, R=Relaxing/playing on the shore, F=Fishing, H=Hiking/walking, B=Bicycling)		

#### **BOATING SURVEY for the LOWER TUOLUMNE RIVER**

### Please use the map below to mark locations related to Question 13 and 18 using the following key.

Types of Hazards/Challenges Encountered on this Run?		Other Recreation Activities Observed on the Run?		
∘ P = Portage	<ul><li>Sc = Scraped bottom</li></ul>	<ul><li>Sw = Swimming</li></ul>	<ul><li>H = Hiking/walking</li></ul>	<ul> <li>R = Relaxing/playing on the shore</li> </ul>
<ul> <li>D = Debris/overhanging vegetation</li> </ul>	<ul><li>E = Exciting or fun run/chute</li></ul>	∘ F = Fishing	<ul><li>B = Bicycling</li></ul>	



Upper Run: La Grange Dam to Turlock Lake State Recreation Area.



Lower Run: Turlock Lake State Recreation Area to Waterford.