

**Middle Fork American River
Middle Fork Interbay to Ralston Afterbay
Invitation Letter and Attachments**

FINAL

Mary Preuss

From: PCWA MFP Relicensing [Relicensing@pcwa.net]
Sent: Monday, May 03, 2010 3:34 PM
To: jared.noceti@kayaker.com; philtheriver@hotmail.com; sligare@yahoo.com; katiescott61@yahoo.com; brewercivil@comcast.net; peetlock@yahoo.com; Andy Fecko; Ben Ransom; Dave Martinez; Sandra Walter-Perry; Mary Preuss; Julie Leimbach
Subject: PCWA/MFP - May 8, 2010 Invitation to Participate in Boating Flow Studies (FERC Project No. 2079)
Attachments: WW Boating Post Run Group Discussion Questions 4-30-10 mtz.doc; MFIB WW Flow Study Boater Profile Form 4-30-10 mtz.doc; MFIB WW Single Flow Itinerary 4-30-10 mtz.doc; MFIB WWSingle Flow Evaluation Form 4-30-10 mtz.doc; PCWA WW Flow Study Liability Waiver.doc

Dear Relicensing Participant -

Placer County Water Agency (PCWA) invites you to participate in a boating flow study on a reach of the Middle Fork American River Project between the Middle Fork Interbay Dam and Ralston Powerhouse. It is our understanding that Jared Noceti has already contacted you in regard to your participation in this study. The flow study will take place on May 8, 2010 and the Study team will meet at the Ralston Picnic area at 8:00am.

The purpose of the flow study is to refine previously developed boating flow information for this reach. Study team members will boat the reach at a flow of about 450-500 cfs.. Upon completion of the run, the boating Study Team will complete a survey form and participate in a group discussion about the run. It is anticipated that the flow study will require a full day to complete.

Boating team members will provide their own boating gear, safety equipment, and transportation to the put-in for the run. PCWA will provide the shuttle logistics, food, and beverages.

It will be the responsibility of the boating team member to make a determination of their ability to boat the target run. On water safety, and if needed, rescue, will be the responsibility of the boating study team. Prior to the flow study, each study team member will be asked to complete and return a Boater Profile Form and Release of Liability Form. Attached is the Boater Profile Form and Liability Waiver. If possible, please complete these forms prior to the Flow Study and provide them to PCWA on the day of the flow study. There will be additional copies available on the day of the Study if needed. Also attached is the proposed itinerary for the flow study, and for your review prior to the run, the Flow Evaluation Form, and Group Discussion Questions.

PCWA appreciates your participation in the Boating Flow Study. If you have any questions regarding this flow study, or need any additional information, please contact Dave Martinez at (916) 502-8523.

Thanks,
 Andrew Fecko
 Resource Planning Administrator
 (530) 823-4889

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Whitewater Boating Flow Study
DRAFT POST-RUN GROUP DISCUSSION QUESTIONS**

1. What would you rate the class of whitewater at this flow?
2. Do you consider this a single-day or multi-day run?
3. What type of boater would you expect to boat this reach?
4. What are the safety concerns on this run?
5. How would you expect the safety concerns to change at a lower flow?
6. How would you expect the safety concerns to change at a higher flow?
7. Are there specific locations you consider hazardous, beyond what would normally be encountered running a river of this difficulty? *[use map to locate]*
8. Are there specific locations that required extensive portaging? *[use map to locate]*
9. Did you experience a change in flow during the run, and if so, how did that affect boating conditions? *[refer back to "upper" and "lower" section breaks]*
10. How would you expect boating conditions to change at a lower flow?
11. How would you expect boating conditions to change at a higher flow?
12. What is the minimum flow you would boat this run?
13. What are the main reasons that you think you could not boat this reach below the minimum flow you identified?
14. What is the maximum flow you would boat this run?
15. What are the main reasons that you think you could not boat this reach above the maximum flow you identified?

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – MF Interbay to Ralston Afterbay
Whitewater Boating Flow Study**

DRAFT BOATER PROFILE FORM

Background Information (Confidential*)

Date: _____

Name: _____

*Age: _____

Gender: Male Female

*Address: _____

City: _____

State: _____

Zip Code: _____

*Phone Number:

*FAX Number: _____

*Email address: _____

***Confidentiality Statement**

Background and contact information (name, address, e-mail, etc.) is considered confidential and will not be disclosed to any parties as a result of this study.

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – MF Interbay to Ralston Afterbay
Whitewater Boating Flow Study**

DRAFT BOATER PROFILE FORM

1. Please identify your skill level for the following craft types by checking the appropriate box (based on the International Whitewater Scale difficulty) for each craft type listed. Check the box under N/A if you have no experience with a craft type. Give your years of experience in the last column.

Craft Type	Skill Level						Years of Experience
	N/A	I	II	III	IV	V	
Kayak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Closed deck canoe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Raft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Open canoe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Cataract	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

2. How many days do you participate in whitewater boating activities annually? _____

3a. Are these typically single or multi-day trips?

- Single Multi-day Both

3. How would you best describe the “type” of whitewater boating you prefer?

- Single-day recreational river trips
 Multi-day recreational river trips
 Both Multi-day and single-day recreational river trips
 Multi-day “expedition” river trips
 “Exploratory” single-day or multi-day river trips

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – MF Interbay to Ralston Afterbay
Whitewater Boating Flow Study**

DRAFT BOATER PROFILE FORM

4. Indicate the number of times that you have boated on the following rivers.

River	Reach	# of times run
Middle Fork American River	French Meadows Dam to Duncan Creek	
Middle Fork American River	Duncan Creek to Middle Fork Interbay	
Middle Fork American River	Middle Fork Interbay to Ralston Afterbay	
Rubicon River	Hell Hole Dam to Ellicott Bridge	
Rubicon River	Ellicott Bridge to Long Canyon	
Rubicon River	Long Canyon to Ralston Afterbay	
Duncan Creek		
Long Canyon Creek		

5. Have you participated in any “exploratory” or “first-decent” river trips?

Yes No

If yes, please provide the year, river, and reach for each trip. (Use back of page for additional space if required.)

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

6. Have you participated in a Whitewater Boating Flow Study in the past?

Yes No

If yes, please provide the year, river, and reach for each study. (Use back of page for additional space if required.)

Study 1 -Year: _____ River: _____ Reach: _____

Study 2 -Year: _____ River: _____ Reach: _____

Study 3 - Year: _____ River: _____ Reach: _____

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – MF Interbay to Ralston Afterbay
Whitewater Boating Flow Study**

DRAFT BOATER PROFILE FORM

7. Have you ever been employed for your whitewater boating skills? Yes No

Type of Employment	# Years
Professional Guide: Recreational whitewater boating - Rafting	
Professional Guide: Recreational whitewater boating - Kayaking	
Professional Guide: Expedition boating	
Instructor – Boating Skills	
Instructor – Instructor Certification	
Instructor – Swift Water Safety	
Safety Support	
Filming	
Other _____	

If yes, please explain your experience (year, location, position held, etc.):

8. Do you have any certifications for whitewater boating? Yes No

If yes, please explain list certification: _____

9. To which whitewater organizations, groups, or clubs do you belong?

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Whitewater Boating Flow Study
Middle Fork American River – MF Interbay to Ralston Afterbay – May 8, 2010**

ITINERARY

8:00 AM	Study Team Meets at Ralston Picnic Area
8:00 – 8:45 AM	Complete Boater Profile forms and Liability Waivers (if needed) and provide Boating Team with Flow Study overview
8:45 – 9:00 AM	Load boats and gear – depart for put-in
9:45 AM	Arrive at put-in
9:45 – 10:30 AM	Unload gear – hike to put-in below MF Interbay Dam
10:30 AM	Put-in
10:30 AM – 4:00 PM	On-water boating time is variable and remainder of itinerary will be adjusted accordingly
4:00 PM	Take-out (bridge crossing on Middle Fork American River) and transport back to Ralston Picnic area
4:15 – 5:30 PM	Complete Flow Evaluation Forms and Groups Discussion

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – MF Interbay to Ralston Afterbay
Single Flow Evaluation Form

Name: _____ Date: _____

River: _____

Put in location: _____ Put in time: _____

Take out location: _____ Take out time: _____

1. What type of craft did you use for this run? _____
2. What type(s) of watercraft would be suitable for this reach at today's flow? (*Circle all that would be appropriate*).
- | | |
|----------------------|---------------------|
| a. Kayak | f. Cataraft |
| b. Closed deck canoe | g. Inflatable kayak |
| c. Raft | h. Other: _____ |
| e. Open canoe | |

3. Was access from the parking area to the river at the put-in adequate?
- a. Yes
- b. No

If No, please explain:

4. Was egress from the river to the parking area at the take-out adequate?
- a. Yes
- b. No

If No, please explain:

5. Would you typically boat this reach as a single or multi-day trip?
- a. Single
- b. Multi-day
- c. Both

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – MF Interbay to Ralston Afterbay
Single Flow Evaluation Form

6. If this reach was boated as a two-day run, did you notice any sites that would be suitable for overnight camping?

- a. N/A
- b. Yes
- c. No

Location	Description
1.	
2.	
3.	
4.	

7. Estimate the number of times you stopped and got out of your boat for breaks, scouting, or for portaging and estimate the total amount of time spent.

Number of stops for breaks _____ Total minutes out of boat _____
 Number of stops for scouting _____ Total minutes out of boat _____
 Number of stops for portaging _____ Total minutes out of boat _____

**PLACER COUNTY WATER AGENCY
 Middle Fork American River Project Relicensing
 Whitewater Boating Flow Study
 Middle Fork American River – MF Interbay to Ralston Afterbay
 Single Flow Evaluation Form**

8. Please identify rapids or sections you needed to portage and rate the difficulty of those portages (using your type of craft at this flow level).

Location Description	Portage Difficulty				Requires Technical Portage Ropes/Gear	Portage Route (River Right or Left)	Estimated Portage Time
	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

9. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty at this flow? If so, please describe them below.

Location Description	Safety Hazard
1.	
2.	
3.	
4.	

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – MF Interbay to Ralston Afterbay
Single Flow Evaluation Form

10. How would you rate the whitewater difficulty of this run? (Use American Whitewater's International Scale of Whitewater Difficulty that ranges from Class I to Class VI) _____

11. Please evaluate this flow for each of the following characteristics. (Circle one number for each characteristic).

Characteristic	Rating				
	Acceptable		Neutral	Unacceptable	
	Highly	Moderately		Moderately	Highly
Boatability	2	1	0	-1	-2
Availability of challenging technical boating	2	1	0	-1	-2
Availability of powerful hydraulics	2	1	0	-1	-2
Availability of whitewater "play areas"	2	1	0	-1	-2
Overall whitewater challenge	2	1	0	-1	-2
Safety	2	1	0	-1	-2
Length of run	2	1	0	-1	-2
Rate of travel	2	1	0	-1	-2
Number of portages	2	1	0	-1	-2

12. Please rate your overall satisfaction with today's flow.

Rating				
Satisfied		Neutral	Unsatisfied	
Highly	Moderately		Moderately	Highly
2	1	0	-1	-2

Please explain your rating:

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – MF Interbay to Ralston Afterbay
Single Flow Evaluation Form

Upper Part of Reach (Put-in to _____)

13a. In general, would you prefer a flow that was higher, lower, or about the same as this flow?
(Check one)

Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please explain:

14a. Based on today’s study and your experience, can you identify a range of flows that would be suitable for boating this part of the reach. Yes No

	yes	no	Flow (cfs)
Minimum Acceptable: The lowest flow at which you would be willing to return to boat on this run.			
Optimal: The flow that creates the best combination of characteristics for your craft type and skill level.			
Maximum Acceptable: The highest flow at which you would be willing to return to boat this run.			

15a. Please provide any additional comments about the reach at this flow.

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – MF Interbay to Ralston Afterbay
Single Flow Evaluation Form

Lower Part of Reach (_____ to Take-out)

13b. In general, would you prefer a flow that was higher, lower, or about the same as this flow?
(Check one)

Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please explain:

14b. Based on today’s study and your experience, can you identify a range of flows that would be suitable for boating this part of the reach. Yes No

	yes	no	Flow (cfs)
Minimum Acceptable: The lowest flow at which you would be willing to return to boat on this run.			
Optimal: The flow that creates the best combination of characteristics for your craft type and skill level.			
Maximum Acceptable: The highest flow at which you would be willing to return to boat this run.			

15b. Please provide any additional comments about the reach at this flow.

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Evaluation Study
Assumption of Risk and General Release of Liability**

1. I, _____, recognize that the whitewater evaluation study conducted by Placer County Water Agency, in which I am about to participate, is a rigorous activity that may be physically and mentally stressful and may aggravate existing physical or mental conditions or cause new ones. I recognize that whitewater activities, such as boating, rafting, kayaking, and swimming, in which I am going to participate, are dangerous and may include damage to personal property, serious physical injury, or death arising from a variety of hazards and unavoidable risks, including, but not limited to, rocks, trees, powerful waves, waterfalls, hydraulics, ejection from a water craft, and other hazards, and difficulty or improbability of rescue. I acknowledge that the hazards associated with whitewater activities may be compounded. I also understand that significant variations in river flow may alter the natural character of the river, and that access to the study sections of this river will include transportation along narrow roadways which may involve other potential hazards.

2. As a participant in this whitewater evaluation study, I recognize:
 - a. that my participation is voluntary and I may discontinue participation at any time of my choosing;
 - b. that I am a joint venturer with the other trip participants;
 - c. that I am personally responsible for determining whether I have the skill and expertise to safely navigate the river segments in this study, which may include class IV, V and V+ rapids;
 - d. that I am solely responsible for selecting equipment suitable for use during the whitewater evaluation study;
 - e. that no other person or entity associated with this whitewater evaluation study has any obligation to attempt to rescue or assist me and that any attempted rescue or assistance may exacerbate my condition and cause injury or death; and
 - f. that I have no obligation to attempt to rescue or assist any other person, and that any such attempt on my part may result in injury or death to myself or the other person.

3. I understand and expressly assume all the dangers and risks incident to the whitewater evaluation study and release all claims including, but not limited to, property damage, personal injury or death, whether caused by negligence,

breach of contract or otherwise, which I may have against Placer County Water Agency and its affiliates, officers, directors, employees, agents, assigns or successors or any other company, organization, person or entity that may be involved in facilitating this whitewater evaluation study

4. I represent that:
 - a. I am 18 years of age or older;
 - b. I am signing this release and waiver voluntarily;
 - c. I have no physical or emotional problems, nor any history thereof, which will impair my ability to participate in the activities of the proposed whitewater evaluation study.
5. I recognize that neither Placer County Water Agency nor anyone else involved with this study is providing liability, health, or other insurance in connection with this whitewater evaluation study. I agree to assume all financial responsibility for any medical, rescue or other expenses that I may incur.
6. I assume full responsibility for, and agree to defend, hold harmless and indemnify Placer County Water Agency, its affiliates, its officers, directors, employees, agents, successors and assigns against, any claims, losses or judgments that may arise from any damage or injury either to me or my personal property or that I may cause to others or their personal property while participating in this whitewater evaluation study.
7. This waiver shall be binding upon me, my heirs, executors and administrators.

Dated: _____

(Print)

(Print name)

Signature

Address:

**Middle Fork American River
French Meadows Reservoir to Middle Fork Interbay
Invitation Letter and Attachments**

FINAL

Mary Preuss

From: PCWA MFP Relicensing [Relicensing@pcwa.net]
Sent: Monday, May 17, 2010 12:34 PM
To: jared.noceti@kayaker.com; charliecenter@hotmail.com; D_mcquoid@hotmail.com; macykayak@hotmail.com; Julie Leimbach; Ben Ransom; Andy Fecko; Dave Martinez; Mary Preuss; kwood4life@yahoo.com
Subject: PCWA/MFP - May 22, 2010 Invitation to Participate in Boating Flow Studies (FERC Project No. 2079)
Attachments: FM WW Single Flow Itinerary 5-14-10 mtz.doc; FM WWSingle Flow Evaluation Form 5-14-10 mtz.doc; WW Boating Post Run Group Discussion Questions 5-14-10 mtz.doc; FM WW Flow Study Boater Profile Form 5-14-10 mtz.doc; PCWA WW Flow Study Liability Waiver.doc

Dear Relicensing Participant -

Placer County Water Agency (PCWA) invites you to participate in a boating flow study on a reach of the Middle Fork American River Project between French Meadow Dam and the Middle Fork Interbay. It is our understanding that Jared Noceti has already contacted you in regard to your participation in this study. The flow study will take place on May 22, 2010 and the Study team will meet at the Middle Fork Interbay on **May 21 at 4:00pm.**

The purpose of the flow study is to develop boating flow information on the upper reach of the river, and, refine previously developed boating flow information on the lower end of the reach. Study team members will boat the reach at a flow of about 200 cfs (at the put-in). In order to maximize the time available to boat the run, the Study Team will be at the put-in on Friday afternoon (May 21), and has a target put-in time of 7:00am on Saturday (May 22). Upon completion of the run, the boating Study Team will fill out survey forms and participate in a group discussion about the run.

Boating team members will provide their own boating gear, safety equipment, and transportation to the take-in for the run. PCWA will provide the shuttle logistics, pre and post run food and beverages.

It will be the responsibility of the boating team member to make a determination of their ability to boat the target run. On water safety, and if needed, rescue, will be the responsibility of the boating study team. Prior to the flow study, each study team member will be asked to complete and return a Boater Profile Form and Release of Liability Form. Attached is the Boater Profile Form and Liability Waiver. If possible, please complete these forms prior to the Flow Study and provide them to PCWA on the day of the flow study. There will be additional copies available on the day of the Study if needed. Also attached is the proposed itinerary for the flow study and for you review prior to the run, the Flow Evaluation Form, and Group Discussion Questions.

PCWA appreciates your participation in the Boating Flow Study. If you have any questions regarding this flow study, or need any additional information, please contact Dave Martinez at (916) 502-8523.

Thanks,
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 Resource Planning Administrator
 (530) 823-4889

FINAL

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Thanks,
 Andrew Fecko
 Resource Planning Administrator
 (530) 823-4889

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Whitewater Boating Flow Study
POST-RUN GROUP DISCUSSION QUESTIONS**

1. What would you rate the class of whitewater at this flow?
2. Do you consider this a single-day or multi-day run?
3. What type of boater would you expect to boat this reach?
4. What are the safety concerns on this run?
5. How would you expect the safety concerns to change at a lower flow?
6. How would you expect the safety concerns to change at a higher flow?
7. Are there specific locations you consider hazardous, beyond what would normally be encountered running a river of this difficulty? *[use map to locate]*
8. Are there specific locations that required extensive portaging? *[use map to locate]*
9. Did you experience a change in flow during the run, and if so, how did that affect boating conditions? *[refer back to "upper" and "lower" section breaks]*
10. How would you expect boating conditions to change at a lower flow?
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12. What is the minimum flow you would boat this run?
13. What are the main reasons that you think you could not boat this reach below the minimum flow you identified?
14. What is the maximum flow you would boat this run?
15. What are the main reasons that you think you could not boat this reach above the maximum flow you identified?

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – French Meadows Dam to MF Interbay
Whitewater Boating Flow Study**

BOATER PROFILE FORM

Background Information (Confidential*)

Date: _____

Name: _____

*Age: _____

Gender: Male Female

*Address: _____

City: _____

State: _____

Zip Code: _____

*Phone Number:

*FAX Number: _____

*Email address: _____

***Confidentiality Statement**

Background and contact information (name, address, e-mail, etc.) is considered confidential and will not be disclosed to any parties as a result of this study.

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – French Meadows Dam to MF Interbay
Whitewater Boating Flow Study**

BOATER PROFILE FORM

1. Please identify your skill level for the following craft types by checking the appropriate box (based on the International Whitewater Scale difficulty) for each craft type listed. Check the box under N/A if you have no experience with a craft type. Give your years of experience in the last column.

Craft Type	Skill Level						Years of Experience
	N/A	I	II	III	IV	V	
Kayak	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Closed deck canoe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Raft	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Open canoe	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Cataract	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____
Other (specify): _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	_____

2. How many days do you participate in whitewater boating activities annually? _____

3a. Are these typically single or multi-day trips?

- Single Multi-day Both

3. How would you best describe the “type” of whitewater boating you prefer?

- Single-day recreational river trips
 Multi-day recreational river trips
 Both Multi-day and single-day recreational river trips
 Multi-day “expedition” river trips
 “Exploratory” single-day or multi-day river trips

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – French Meadows Dam to MF Interbay
Whitewater Boating Flow Study**

BOATER PROFILE FORM

4. Indicate the number of times that you have boated on the following rivers.

River	Reach	# of times run
Middle Fork American River	French Meadows Dam to Duncan Creek	
Middle Fork American River	Duncan Creek to Middle Fork Interbay	
Middle Fork American River	Middle Fork Interbay to Ralston Afterbay	
Rubicon River	Hell Hole Dam to Ellicott Bridge	
Rubicon River	Ellicott Bridge to Long Canyon	
Rubicon River	Long Canyon to Ralston Afterbay	
Duncan Creek		
Long Canyon Creek		

5. Have you participated in any “exploratory” or “first-decent” river trips?

Yes No

If yes, please provide the year, river, and reach for each trip. (Use back of page for additional space if required.)

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

River: _____ Reach: _____ Year: _____

6. Have you participated in a Whitewater Boating Flow Study in the past?

Yes No

If yes, please provide the year, river, and reach for each study. (Use back of page for additional space if required.)

Study 1 -Year: _____ River: _____ Reach: _____

Study 2 -Year: _____ River: _____ Reach: _____

Study 3 - Year: _____ River: _____ Reach: _____

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay – May 22, 2010**

ITINERARY

May 21

4:00 PM	Study Team meets at Middle Fork Interbay
4:00 – 4:30 PM	Complete Boater Profile forms and Liability Waivers (if needed) and provide Boating Team with Flow Study overview
4:30 – 4:45 PM	Load boats and gear depart for put-in
5:45 PM	Arrive at French Meadows Reservoir

May 22

6:30 AM	Unload gear hike to put-in below French Meadows Dam
7:00 AM	Put-in
7:00 AM – 6:00 PM	On-water boating time is variable and remainder of itinerary will be adjusted accordingly
6:00 PM	Take-out (Middle Fork Interbay)
6:30 – 7:30 PM	Complete Flow Evaluation Forms and Group Discussion

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Middle Fork American River – French Meadows Dam to MF Interbay
Whitewater Boating Flow Study**

BOATER PROFILE FORM

7. Have you ever been employed for your whitewater boating skills? Yes No

Type of Employment	# Years
Professional Guide: Recreational whitewater boating - Rafting	
Professional Guide: Recreational whitewater boating - Kayaking	
Professional Guide: Expedition boating	
Instructor – Boating Skills	
Instructor – Instructor Certification	
Instructor – Swift Water Safety	
Safety Support	
Filming	
Other _____	

If yes, please explain your experience (year, location, position held, etc.):

8. Do you have any certifications for whitewater boating? Yes No

If yes, please explain list certification: _____

9. To which whitewater organizations, groups, or clubs do you belong?

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay
Single Flow Evaluation Form

Name: _____ Date: _____

River: _____

Put in location: _____ Put in time: _____

Take out location: _____ Take out time: _____

1. What type of craft did you use for this run? _____
2. What type(s) of watercraft would be suitable for this reach at today's flow? (*Circle all that would be appropriate*).
- | | |
|----------------------|---------------------|
| a. Kayak | f. Cataraft |
| b. Closed deck canoe | g. Inflatable kayak |
| c. Raft | h. Other: _____ |
| e. Open canoe | |

3. Was access from the parking area to the river at the put-in adequate?
- | | |
|--------|--------------------------|
| a. Yes | <input type="checkbox"/> |
| b. No | <input type="checkbox"/> |

If No, please explain:

4. Was egress from the river to the parking area at the take-out adequate?
- | | |
|--------|--------------------------|
| a. Yes | <input type="checkbox"/> |
| b. No | <input type="checkbox"/> |

If No, please explain:

5. Would you typically boat this reach as a single or multi-day trip?
- | | |
|--------------|--------------------------|
| a. Single | <input type="checkbox"/> |
| b. Multi-day | <input type="checkbox"/> |
| c. Both | <input type="checkbox"/> |

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay
Single Flow Evaluation Form

6. If this reach was boated as a two-day run, did you notice any sites that would be suitable for overnight camping?

- a. N/A
- b. Yes
- c. No

Location	Description
1.	
2.	
3.	
4.	

7. Estimate the number of times you stopped and got out of your boat for breaks, scouting, or for portaging and estimate the total amount of time spent.

Number of stops for breaks _____ Total minutes out of boat _____
 Number of stops for scouting _____ Total minutes out of boat _____
 Number of stops for portaging _____ Total minutes out of boat _____

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Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay
Single Flow Evaluation Form

8. Please identify rapids or sections you needed to portage and rate the difficulty of those portages (using your type of craft at this flow level).

Location Description	Portage Difficulty				Requires Technical Portage Ropes/Gear	Portage Route (River Right or Left)	Estimated Portage Time
	Easy	Slightly Difficult	Moderately Difficult	Extremely Difficult			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>			

9. Did you observe any specific safety hazards beyond those normally encountered running a river of this difficulty at this flow? If so, please describe them below.

Location Description	Safety Hazard
1.	
2.	
3.	
4.	

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay
Single Flow Evaluation Form

10. How would you rate the whitewater difficulty of this run? (Use American Whitewater's International Scale of Whitewater Difficulty that ranges from Class I to Class VI) _____

11. Please evaluate this flow for each of the following characteristics. (Circle one number for each characteristic).

Characteristic	Rating				
	Acceptable		Neutral	Unacceptable	
	Highly	Moderately		Moderately	Highly
Boatability	2	1	0	-1	-2
Availability of challenging technical boating	2	1	0	-1	-2
Availability of powerful hydraulics	2	1	0	-1	-2
Availability of whitewater "play areas"	2	1	0	-1	-2
Overall whitewater challenge	2	1	0	-1	-2
Safety	2	1	0	-1	-2
Length of run	2	1	0	-1	-2
Rate of travel	2	1	0	-1	-2
Number of portages	2	1	0	-1	-2

12. Please rate your overall satisfaction with today's flow.

Rating				
Satisfied		Neutral	Unsatisfied	
Highly	Moderately		Moderately	Highly
2	1	0	-1	-2

Please explain your rating:

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay
Single Flow Evaluation Form

Upper Part of Reach (Put-in to _____)

13a. In general, would you prefer a flow that was higher, lower, or about the same as this flow?
(Check one)

Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please explain:

14a. Based on today’s study and your experience, can you identify a range of flows that would be suitable for boating this part of the reach. Yes No

	yes	no	Flow (cfs)
Minimum Acceptable: The lowest flow at which you would be willing to return to boat on this run.			
Optimal: The flow that creates the best combination of characteristics for your craft type and skill level.			
Maximum Acceptable: The highest flow at which you would be willing to return to boat this run.			

15a. Please provide any additional comments about the reach at this flow.

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay
Single Flow Evaluation Form

Lower Part of Reach (_____ to Take-out)

13b. In general, would you prefer a flow that was higher, lower, or about the same as this flow?
(Check one)

Much Lower Flow	Slightly Lower Flow	About the Same Flow	Slightly Higher Flow	Much Higher Flow
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Please explain:

14b. Based on today’s study and your experience, can you identify a range of flows that would be suitable for boating this part of the reach. Yes No

	yes	no	Flow (cfs)
Minimum Acceptable: The lowest flow at which you would be willing to return to boat on this run.			
Optimal: The flow that creates the best combination of characteristics for your craft type and skill level.			
Maximum Acceptable: The highest flow at which you would be willing to return to boat this run.			

15b. Please provide any additional comments about the reach at this flow.

PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing
Whitewater Evaluation Study
Assumption of Risk and General Release of Liability

1. I, _____, recognize that the whitewater evaluation study conducted by Placer County Water Agency, in which I am about to participate, is a rigorous activity that may be physically and mentally stressful and may aggravate existing physical or mental conditions or cause new ones. I recognize that whitewater activities, such as boating, rafting, kayaking, and swimming, in which I am going to participate, are dangerous and may include damage to personal property, serious physical injury, or death arising from a variety of hazards and unavoidable risks, including, but not limited to, rocks, trees, powerful waves, waterfalls, hydraulics, ejection from a water craft, and other hazards, and difficulty or improbability of rescue. I acknowledge that the hazards associated with whitewater activities may be compounded. I also understand that significant variations in river flow may alter the natural character of the river, and that access to the study sections of this river will include transportation along narrow roadways which may involve other potential hazards.

2. As a participant in this whitewater evaluation study, I recognize:
 - a. that my participation is voluntary and I may discontinue participation at any time of my choosing;
 - b. that I am a joint venturer with the other trip participants;
 - c. that I am personally responsible for determining whether I have the skill and expertise to safely navigate the river segments in this study, which may include class IV, V and V+ rapids;
 - d. that I am solely responsible for selecting equipment suitable for use during the whitewater evaluation study;
 - e. that no other person or entity associated with this whitewater evaluation study has any obligation to attempt to rescue or assist me and that any attempted rescue or assistance may exacerbate my condition and cause injury or death; and
 - f. that I have no obligation to attempt to rescue or assist any other person, and that any such attempt on my part may result in injury or death to myself or the other person.

3. I understand and expressly assume all the dangers and risks incident to the whitewater evaluation study and release all claims including, but not limited to, property damage, personal injury or death, whether caused by negligence,

breach of contract or otherwise, which I may have against Placer County Water Agency and its affiliates, officers, directors, employees, agents, assigns or successors or any other company, organization, person or entity that may be involved in facilitating this whitewater evaluation study

4. I represent that:
 - a. I am 18 years of age or older;
 - b. I am signing this release and waiver voluntarily;
 - c. I have no physical or emotional problems, nor any history thereof, which will impair my ability to participate in the activities of the proposed whitewater evaluation study.
5. I recognize that neither Placer County Water Agency nor anyone else involved with this study is providing liability, health, or other insurance in connection with this whitewater evaluation study. I agree to assume all financial responsibility for any medical, rescue or other expenses that I may incur.
6. I assume full responsibility for, and agree to defend, hold harmless and indemnify Placer County Water Agency, its affiliates, its officers, directors, employees, agents, successors and assigns against, any claims, losses or judgments that may arise from any damage or injury either to me or my personal property or that I may cause to others or their personal property while participating in this whitewater evaluation study.
7. This waiver shall be binding upon me, my heirs, executors and administrators.

Dated: _____

(Print)

(Print name)

Signature

Address:

**Middle Fork American River
French Meadows Reservoir to Middle Fork Interbay
Revised Itinerary Letter and Attachment**

FINAL

Mary Preuss

From: PCWA MFP Relicensing [Relicensing@pcwa.net]
Sent: Tuesday, May 18, 2010 12:38 PM
To: jared.noceti@kayaker.com; charliecenter@hotmail.com; D_mcquoid@hotmail.com; macykayak@hotmail.com; Julie Leimbach; Ben Ransom; Andy Fecko; Dave Martinez; Mary Preuss; kwood4life@yahoo.com
Subject: PCWA/MFP - May 22, 2010 Revised Itinerary
Attachments: FM WW Single Flow Itinerary Revised 5-18-10 mtz.doc

Dear Relicensing Participant –

Attached is a revised itinerary for the May 22 French Meadows to MF Interbay whitewater flow study. The May 21 meeting time has been changed to accommodate for travel considerations for the boating team. The Study team will meet at the Middle Fork Interbay on May 21 at **7:00 pm**.

Thanks,
Beverly

Beverly Bell
Administrative Aide
(530) 823-4973
(530) 823-4960 (fax)

**PLACER COUNTY WATER AGENCY
Middle Fork American River Project Relicensing**

**Whitewater Boating Flow Study
Middle Fork American River – French Meadows Dam to MF Interbay – May 22, 2010**

**ITINERARY
Revised May 18, 2010**

May 21

- | | |
|----------------|---|
| 7:00 PM | Study Team meets at Middle Fork Interbay |
| 7:00 – 7:30 PM | Complete Boater Profile forms and Liability Waivers (if needed) and provide Boating Team with Flow Study overview |
| 7:30 PM | Load boats and gear depart for put-in |
| 8:30 PM | Arrive at French Meadows Reservoir – unload gear at camp |

May 22

- | | |
|-------------------|---|
| 6:30 AM | Put-in |
| 6:30 AM – 6:00 PM | On-water boating time is variable and remainder of itinerary will be adjusted accordingly |
| 6:00 PM | Take-out (Middle Fork Interbay) |
| 6:30 – 7:30 PM | Complete Flow Evaluation Forms and Group Discussion |