COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/21/4, 2014 Name: Jim Doubl	
1. Watercraft used (Circle appropriate one): Hard shell kayak Sunday + Monday	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1 .	Other (describe): Or RIGGO HUSCOL
2. Your whitewater boating skill level (Circle one):	Other (describe): Or Rigged Huscole Vadille co Coff on Solverby
Beginner	Advanced
Novice	Expert
Intermediate •	
Please answer each of the following auestions hased on your	ernariance or reaction to the river at each

Please answer each of the following questions based on your experience or reaction to the river at each of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	(3)
Driving distance to river	1	2	3	4	5
Accessibility	1	2	3	4	(3)
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	(1)	2	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	4	(5)
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	(5)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/21/14	(0000	-2	-1	0	1	2
		-2	-1	0	1	2
		-2	-1	0	1	2
•		-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

2000 OFS

• From your perspective, what is the **optimum flow** for this run?

100000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500 2500			-/		
2	2400					
3	2000			/		
4	2000				1	
5	10000					1
6	(3000)			1		

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					× .
Other rivers in Massachusetts					V
Other rivers in the northeast				Je	
Other rivers in the country			*		

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	4	The second second second	The second second second	- Andrewson - Andr	A Charles of the Char)
•	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	3	3	3	3	1	3	3	3	3	3	\$	
Suitable for intermediate boater	2	2	1	7	7	2	2	2	7	þ	7	ε
Suitable for advanced boater	9	2	7	2	2	Y	7	2	Y	λ	7	
Size & difficulty of features	3	3	٩.	3	3	3.	3	3	3	3	3	
Play boating	3	3	3	3	<u>3</u> ア	3	3	3	3	3	3	
Rafting	3	3	3	3 3 0	ア	3	3	4 3	3	3	3	
Tubing	0	0	0		1	O	0	\circ	0	0		
Canoeing	> -	2	0	0	2	0	2	<u>ک</u>	7	0	0	
Kayaking	2	ブ	9	~	<u> </u>	À	2-	7	7	>	2	
Eddy hopping	2	2	>	>		7	2	\rightarrow	9-	2	2	
Technical maneuvering	2	2	7>	2	2	1	Lancoom.	2	Name of the last o	. [2	
River gradient		\sim		2	7	J	1	1	7	(2	
Driving distance to river	3	3	8	3	7	3	3	3	:2	3	3	
Shuttles	2	2	2	み	2	7	2	2	2	3	2	
Access to river	1	L	l	1	1	ı	advance.	ı	ı)	l	
Parking	7	ン	2	7	7	2	2	2	2	2	2_	
Scenery	1	3	1	(1	2	1	2 3	1	3	
Water quality	1	3		1	(>	1		1		
Overall	2	3	1	١	1		2	Tours.	5	1	7	

11. Any other comments?

The Take-Out is horrible for rafts and heavy boats. Please obtains

"Right of war "to River left shore for take-out access. This was possible in the past and hopefully could be arranged. Without 2 which raft take out would be extremely difficult and potentially dangerous

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/9, 2014 Name: Sett Galcur	
Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle one):
Beginner	Advanced
Novice	Expert
Intermediate	•
	d on your experience or reaction to the river at each particular item, leave it blank. Please do not discuss pants.
3. How many times have you boated the Turners F	Falls bypass of the Connecticut River before this study?

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

11-20 times

>20 times

6-10 times

1-5 times

(Circle one)

0 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	3	(4)	5
Shuttle Availability	1	(2)	3	4	5
Crowding	1	(2)	3	4	(=5)
Weather	1	\bigcirc 2	3	4	5
Water temperature	1	\bigcirc 2	3	. 4	5
Attractive scenery	1	2	3	4	(5)
Water quality	1	2	(3)	4	(5)2
Thrilling experience	1	2	3	4	(5)
Safe trip	1	2	3	4	(5)

Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
Z 500	-2	-1	0	1	(2)
3000	-2	-1	0	1	(2)
4000	-2	-1	0	1	(2)
<i>まつつつ</i>	-2	• -1	0	1	2
	2500	2500 -2 2000 -2 4000 -2	2500 -2 -1 2000 -2 -1	2500 -2 -1 0 2000 -2 -1 0 4000 -2 -1 0	2500 -2 -1 0 1 2000 -2 -1 0 1

- 6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).
- From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.
- From your perspective, what is the **optimum flow** for this run?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	200			1		
2	3000					
3	5000					
4	200					
5	44					
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	. 2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		· ·			
Other rivers in Massachusetts					
Other rivers in the northeast					
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	4	U	7	1								
Suitable for intermediate boater		} .		2								V 197
Suitable for advanced boater												
Size & difficulty of features	t.			L	•				c			
Play boating		\forall										
Rafting												
Tubing		,										
Canoeing												
Kayaking												
Eddy hopping												
Technical												
maneuvering												
River gradient												
Driving distance	l											
to river												
Shuttles												
Access to river												
Parking												
Scenery												
Water quality												
Overall										Ī		

11. Any other commen	its?		
8600	1000	_	4
	SUM	<u></u>	4

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	
Name: Tracey Kalman	
Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	•
Please answer each of the following questions based on you of the flows hoated. If you have no opinion about a particular	

of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 6-10 times 1-5 times 11-20 times >20 times

A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	(2)	3	4	5
Weather	1	2	(3)	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	(, 4)	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	(, 4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7.19.14	3500	-2	-1	(0)	1_	2
7.19:14	5000	-2	-1	Ő	(1)	2
7.20.14	8000	-2	-1	0		(2)
ŕ		-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

3500

• From your perspective, what is the **optimum flow** for this run?

8000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	3500					
2	5000					V
3	8000					
4						
.5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1 .	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					
Other rivers in Massachusetts					
Other rivers in the northeast					_
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut

4 = 1	4 = No experience boating the river											
C vo for all												
	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater												
Suitable for intermediate boater	£											
Suitable for advanced boater				/								
Size & difficulty of features					•				ė			
Play boating				/								
Rafting												
Tubing												
Canoeing				/								
Kayaking				/								
Eddy hopping			/	1								
Technical			/									
maneuvering												
River gradient												
Driving distance												
to river												
Shuttles			/									
Access to river												
Parking		/										
Scenery												
Water quality												
Overall		1										

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/21 , 2014 Name: 34th 78fe(8)	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
· OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle one	e):
Beginner	Advanced
Novice	Expert
Intermediate	
	ed on your experience or reaction to the river at each a particular item, leave it blank. Please do not discuss cipants.
3. How many times have you boated the Turners	Falls bypass of the Connecticut River before this study?

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

11-20 times

6-10 times

1-5 times

>20 times

(Circle one)

0 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3		5
Driving distance to river	1	(8)	3	4	5
Accessibility	1	2	(3_)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	3	4	. 5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
11.71	16,060	-2	-1	0	(1)	2
VU	13,000	-2	-1	0	(1)	2
	Ì	-2	-1	0	Y	2
		-2	-1	. 0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

3,00

• From your perspective, what is the **optimum flow** for this run?

1,000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2						
3						
4						
5	16000 3.00					
6	3,00					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	, 3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	-	,			
Other rivers in Massachusetts					
Other rivers in the northeast	A STATE OF THE STA				
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater					3							
Suitable for intermediate boater				ŧ	3.			١				
Suitable for advanced boater					3							
Size & difficulty of features			•		B			•				c
Play boating					34.2							
Rafting					20.							
Tubing					*3.							
Canoeing				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	U.							
Kayaking					44							
Eddy hopping					ے بین							
Technical · maneuvering												-
River gradient					3.							
Driving distance to river	•				1.							
Shuttles					3							
Access to river					92 2							
Parking					1							
Scenery					Ą.							
Water quality					1							
Overall				- (41							

11. Any	other	commen	ıts?	
	T	had	A	Blosh

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Dat	e: 7/2	! /	_,2014	
Nai	me:	n aft	but it	<u></u>
1.	Watercraft used (Circle appropria	te one):	
	Hard shell k	cayak		Stand up paddle board
	Inflatable ka	ayak		C2
	OC1			Raft
	OC2			Cataraft
£	C1	•		Other (describe):
2.	Your whitewater	boating skill lev	rel (Circle one):	
	Beginner			Advanced
	Novice			Expert
	Intermediat	e		•
of t the	he flows boated. se questions or yo	If you have no op our responses wit	pinion about a pa h other participar	
3.	How many times (Circle one)	s have you boated	d the Turners Falls	s bypass of the Connecticut River before this study?
	0 times	1-5 times	6-10 times	11-20 times >20 times
4.	A number of factors to y	tors can affect o you? (Circle one	ne's satisfaction number for each	with a whitewater trip. How important are each of factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	(5)
Driving distance to river	1	2	(3)	4	5
Accessibility	1	2	3	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	1 ·	(2)	3	4	5
Water temperature	1	2	(3)	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	(2)	3	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/199-11	2500	(-2-)	-1	0	1	2
7/1510	3500	-2	(-I)	0	1	2
7/41 9-11	166	-2	-1	0	1	2
7/2/0/3	13000	-2	-1	0 .	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

@5000 @10000

• From your perspective, what is the **optimum flow** for this run?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500	7				
2	3500		×			
3			(
4						
5	10000				\times	
6 .	13000					\sim

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					X
Other rivers in Massachusetts					×
Other rivers in the northeast			X		
Other rivers in the country			\prec		

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

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- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater						U	,	4			4	
Suitable for intermediate boater	×.				c	y		4			Jangine	
Suitable for advanced boater								Ч			И	
Size & difficulty of features				٤		V		V.	•		4	٤
Play boating						to)		V			U	
Rafting						:4		V)			w.f	
Tubing						u\		4			*	
Canoeing						4/		И			V	
Kayaking						u l		Ŋ			5,45	
Eddy hopping						V	******	V.			e,	
Technical • maneuvering											the second	
River gradient						u		VI			4	
Driving distance					***************************************	D.					4.0	
to river						A		1	[A	
Shuttles						أمرأ		M			54	
Access to river						SA!		346			ч	
Parking						(1)		Á			W,	
Scenery						1		14			()	
Water quality						U		1			Ž,	
Overall						V.		W			*/	

11. Any other o	omments?	Conn	R.	び	big wa	ter -	1	/
1+5	not	1 the	The	1	other	rivers		./

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	, 2014
Name: PATRICK W) YMAN.
Transc.	
1. Watercraft used (Circle appro	priate one):
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
Ci	Other (describe):
2. Your whitewater boating skill	l level (Circle one):
Beginner	Advanced
Novice	Expert
Intermediate	
, , , , , , , , , , , , , , , , , , ,	ng questions based on your experience or reaction to the river at each o opinion about a particular item, leave it blank. Please do not discuss with other participants.
3. How many times have you bo (Circle one)	ated the Turners Falls bypass of the Connecticut River before this study?
0 times 1-5 times	6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	(2')	3	4	5
Shuttle Availability		2	3	4	5
Crowding	1	(2)	3	4	5
Weather	1	2	(3)	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	(4)	5
Water quality	1	2	3	4	(5)
Thrilling experience	1	(2)	3	4	5
Safe trip	1	(2)	3	4	5

	Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable Neutral		Acceptable	Totally Acceptable
		2500	-2	-1	(0)	1	2
		3500	-2	-1	0	(1)	2_
L		5000	-2	-1	0	1	(2)
		2000	-2	-1	0	•1	(2)

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

5000

• From your perspective, what is the **optimum flow** for this run?

8000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500	DAL.				V/i
2	37.20	WY,				V //
3	5000	797				//
4	8000					
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	. 4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		V/			
Other rivers in Massachusetts		V/			
Other rivers in the northeast		<i>J</i> ,			
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to . Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	431	3	- Participation and the Control of t	ct	Alexandra	3		***********	3	2	2	**************************************
Suitable for intermediate boater	4-14	3	and the second second	4	e transpoordered Park	43	- Andreas and the second secon	чтонновая	3	2	2	4
Suitable for advanced boater	4			4	**************************************	4	- Orandontonio	2	· ·	2	*Propagation Co	4
Size & difficulty of features	4	1		4		4	· Company	2		1	es and a second	U
Play boating	u		1	4		ì t	1	2	1	j	1	-ii
Rafting	ij	2	.1	Ч	-	4	2	1		1	1/	T
Tubing	L	1	V	Ü)	4		1	3	1	j	1/
Canoeing	Ч	1	epithoppo	4	destrice	4	7	2	1	i	j	11
Kayaking	ч	١	Boulean	<u> </u>	•	Н	N STORES	2	1	î)	11
Eddy hopping	IJ [']		4	4	\$	4	1	2	1	1	1	1
Technical maneuvering	Ч	١			4	4	1	2	1	emen.	1	11
River gradient	V	1	- Company	9		4	Militare	2	1	1	1	11
Driving distance to river	7	3	2	4	discussion	4	3	3	2	4	1	d a
Shuttles	7	3	3	N	1	4	3	3	13	7	7	(1
Access to river	J	2	2	Ч)	4	2	2	2	2	1	٤,
Parking	4	2	2	니	1		2	1	2	2	2	11
Scenery	<i>u</i> ,			U)	4				1	1	11
Water quality	Ч	- 1	2	Y,		4	1	2	2	1	. /	6 5
Overall	니	1		<u> </u>	l	<u> </u>		21	7	2		4.

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: July 2lst , 2014	
Date: July 21st , 2014 Name: James Kelly Range	
	•
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate •	
Please answer each of the following questions based on of the flows boated. If you have no opinion about a par these questions or your responses with other participan	ticular item, leave it blank. Please do not discuss
3. How many times have you boated the Turners Falls (Circle one)	bypass of the Connecticut River before this study?
0 times $(1-5 \text{ times})$ 6-10 times	11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	(4)	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4)	5
Accessibility	1	2	(3)	4	5
Shuttle Availability		2	3	4	5
Crowding	1	2	(3)	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19-9:30	2500	-2	-1	0	(1)	2
7/10 -1:00	¥500	-2	-1	0	T	(2)
7/20-9:30		-2	-1	0	1	(2)
7/20 1:00		-2	-1	0	1	(2)
7/21 9:20	10,000				(1)	

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

1500

• From your perspective, what is the **optimum flow** for this run?

5000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	1500 3500 5000 9000				V	
2	3500					V
3	6,000					
4	900					\mathcal{V}
5	10,000					
6	* *					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		Ÿ			
Other rivers in Massachusetts		\checkmark			
Other rivers in the northeast					
Other rivers in the country		/			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	4	3	4	4	2	4	3	4	3	3	3	3
Suitable for intermediate boater	4	3			1	September 1	3		2	2	3	2
Suitable for advanced boater	4		- CONTRACTOR AND		2	and the second second second	1		(I	1	
Size & difficulty of features	4	1			2		•		1	1	1	Augusta
Play boating	4	2	of instanton						1	2	2-	1
Rafting	4	373			2						`	7
Tubing	4	3				ļ	`					
Canoeing	4	2	(Commented of the Commented of the Comme		2		l	Andread	l	}	-	`1
Kayaking	4	2	1		2		l		1	I	1	l
Eddy hopping	4	.1					- 1			I	1	Į
Technical maneuvering	4	1			+	W West Combination of the State	*Transa	•		1	1	erissass _{tag}
River gradient	4	1		and the same of th	2	1	1		2	I	1	ATOMETER
Driving distance to river	4	(Andrew Control	Andrew Production	3		3	A THE PROPERTY OF THE	2.	2	2	3
Shuttles	1	ı		or Tuckerspan	-1		1	1	2,	10	2	2
Access to river		l					1	Verturepare	37	1	2	
Parking	-	l		in the second se)		1		2	2 2	2	2
Scenery	(2			2		2		2	2)	2
Water quality		2		-	l		1	-	2	1	ì	Ì
Overall		1			2		1	1	artica	1	l	1

11. Any other comments?

With regular predictable releases I would corre

here to beat occassionally with family and friends.

The take out access will need major improvement.

The put in will need similar boat drop of f

3.6.3-Whitewater Boating Evaluation 5 steads.

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/21 Name: Tack	
Watercraft used (Circle app	ropriate one):
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
$\left(C1\right)$	Other (describe):
2. Your whitewater boating sk	ill level (Circle one):
Beginner	Advanced
Novice	Expert
Intermediate	•
	ving questions based on your experience or reaction to the river at each no opinion about a particular item, leave it blank. Please do not discusses with other participants.
3. How many times have you be (Circle one)	poated the Turners Falls bypass of the Connecticut River before this study?

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

11-20 times

>20 times

6-10 times

1-5 times

0 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	(5)
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	. 2	3	4	5
Accessibility	1	2 _	(3)	4	5
Shuttle Availability	1	2	3	4	. 5
Crowding	1	2	$\left(\begin{array}{c} 3 \end{array} \right)$	4	5
Weather	1 ·	2 、	(3)	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	(3)	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/21	13000	-2	-1	0		2
7/21	10000	-2	-1	0	(1)	2
7/19	3500	-2	-1	0	1	(2)
7/20	5000	-2	-1	0 •	1	(2^3)

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

<u>2500</u>

• From your perspective, what is the **optimum flow** for this run?

5000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500				√	,
2	3500					V
3	5000					V,
4	9000					V
5	10000					V
6 .	13000					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4)	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	-		(XX)		
Other rivers in Massachusetts		✓	/ (3		
Other rivers in the northeast		✓			
Other rivers in the country		V			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	, and and	3	- principal	4	Venteroppe	3	<u> </u>	9	7	1	1	1
Suitable for intermediate boater	-	m	3	4	2	3	3	ð	7	1	* Opening	j
Suitable for advanced boater	3		3	H	3	1	Ĵ	3	3	3	3	3
Size & difficulty of features	3	5	لي	4	3	1	******	3	`3	3	3	3
Play boating	1	1	3	Ч	2	2	1	7	2	a	7	1
Rafting	Ц	4	¥	4	J	H	4	Ч	H	UP.	4	7/
Tubing	4	4	Y	U	4	4	4	H	U	И	it	4
Canoeing	1	1	1	4	ı'		,	******		1	l	
Kayaking	1	l	7,	计	k	Compa	1		ar Galler	- 1	1	1
Eddy hopping	1		2	4)		- 1		1	/	1
Technical • maneuvering	2	d participation of the partici	3	4	a	ì		7	3	3	3	2
River gradient		•		4	•		•	•			-	
Driving distance to river	,	à	3	3	2	1	1	3	3	3	3	
Shuttles	. 7	Ĵ	2	學 3	9	2	2	3	3	2	3	à
Access to river	Ì	ĺ	1	4	1			7	ā	1	1	1
Parking	à	る	à	니	<i>S</i> ,	٦,	Ž	3	a l	2	2	3
Scenery		3	2	4	コ	3	·2	ĭ	3	2	5	1
Water quality		-3		4	1				a	T	1	1
Overall		1	<u>'ð</u>	4	っ	1	1	6 3	Ē	3	3	1

11. Any of	her comments?	The	k+	Ropids	c. af	ter	the	put-in
910	0/2-26	VAM	are 7	he tea	TWILL	7/10	, i ma	i at c
this y	run ü	10rthwhi	ile, 71	he Roc	K pai	m is	not s	uitable
for	Novices	o The	Ist	Rapid	is o	nly	suitab	le for
Be	g hneve ewater Boating I	and	Novices	at	the	lower	flow.	S. 4
3.6.3 - White	ewater Boating L alter	Evaluation	110-11	needs	s to	be f	ound	ta
B An	alterr	rate 1	ave out	11-	Da	•		
make	this r	river t	requent	y use	-42			

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: Date: 19, 20142014 Name: Man & Black	Jrey.
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate •	
Please answer each of the following questions based on y of the flows boated. If you have no opinion about a parti these questions or your responses with other participants	cular item, leave it blank. Please do not discuss

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Moderately Important Important		Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	(2)	3	4	5
Accessibility	1	X	(3)	4	5
Shuttle Availability	1	$\begin{pmatrix} 2 \end{pmatrix}$	3	4	5
Crowding	1	$\overline{\mathcal{I}}$	(3)	4	5
Weather	1	2	(3)	4	5
Water temperature	1	2	3	. 4	5
Attractive scenery	1	(2)	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	(3)/	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/17	2500	-2	(-1)	0	1	2
7/19	35°00	-2	-1	0		2
- / /		-2	-1	0	T	2
•		-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

4000

• From your perspective, what is the **optimum flow** for this run?

6,000+

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500		\times			
2	2500 3500				X	
3						
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	57)

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Worse than average	Average	Better than average	Excellent	Among the very best
3				*
A				
		Average	Average	Average Excellent

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater		-	*FEETMAN*	-	,	-	_	_			Street	-
Suitable for intermediate boater												
Suitable for advanced boater												
Size & difficulty of features			c				4					٠
Play boating												
Rafting												
Tubing												
Canoeing												
Kayaking												
Eddy hopping												,
Technical								•				
maneuvering												
River gradient												
Driving distance												
to river									•			
Shuttles												
Access to river												
Parking												
Scenery												
Water quality												
Overall											4	

11. Anyjother comments?

XO I

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	7/19		, 2014
Name	: Stephen	, Robinso	L (Zogr Outoloox)
1. W	atercraft used (Circle appropri	ate one):
	Hard shell ka	ayak	Stand up paddle board
	Inflatable ka	yak	C2
	OC1		Raft
	OC2		Cataraft
	Ċ1		Other (describe):
2. Yo	our whitewater b	ooating skill le	vel (Circle one):
	Beginner		Advanced
	Novice		Expert
	Intermediate		•
of the j	flows boated. If	you have no o	questions based on your experience or reaction to the river at each pinion about a particular item, leave it blank. Please do not discuss h other participants.
3. Ho	ow many times hircle one)	nave you boate	the Turners Falls bypass of the Connecticut River before this study?
<	0 times	1-5 times	6-10 times 11-20 times >20 times
4. A	number of factor	ors can affect o	ne's satisfaction with a whitewater trip. How important are each of

these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river		2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	3	4 .	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	(5)

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time Flow (CF		Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19 AM	2500	-2	<u>-1</u>)	0	1	2
7/19 PM	3500	-2	<u>-1</u>)	0	1	2
		-2	-1	0	1	2
	•	-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

4,000

• From your perspective, what is the **optimum flow** for this run?

5,000 - 8,000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500		V			
2	3500		/		_	
3						
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

	11 togays Tlows							
Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best			
Other rivers within a 1 hour drive								
Other rivers in Massachusetts								
Other rivers in the northeast	V							
Other rivers in the country	V							

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

					,							
	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater					1		Z					
Suitable for intermediate boater					2		2					
Suitable for advanced boater					η		2					
Size & difficulty of features	٠				· 2		2					
Play boating					1							
Rafting					2		3					
Tubing					2 2							
Canoeing					1		2					
Kayaking												
Eddy hopping												
Technical maneuvering										•		
River gradient												
Driving distance to river					3		S				-	
Shuttles												
Access to river					2		2					
Parking					2		2					
Scenery					1		1					
Water quality					7		7					
Overall					2		2					

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: July 21, 2014 Name: Michael Beauregord	·
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	•
Please answer each of the following questions based on you of the flows boated. If you have no opinion about a particul these questions or your responses with other participants.	

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	(i)	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	1	2	(3)	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	(5)

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

	Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
gam-llam	7/21/14	10,000	-2	-1	0	1	2
pm-3pm	7/21/14	13,000	-2	-1	0	1	(2)
P" 37	•		-2	-1	0	1	2
			-2	-1	0 .	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

From your perspective, what is the **optimum flow** for this run?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10,000	Average Control of the Control of th				×
2	10,000					×
3	•					
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive				X	
Other rivers in Massachusetts				×	
Other rivers in the northeast			~		
Other rivers in the country			×		

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

			dibates		\		4					
	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	4	4	3	Ч	3	4	30	4	X	4	7	-
Suitable for intermediate boater	ggaajata perijimmin delijindi	CONTRACT	3	On the same of the	. 3		3	discussion and the second	Sales Juggard Mille		g contract state of the	The management was to
Suitable for advanced boater	Company of the contract		3	The process of the last of the	3		3	77-7-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	A Table Sanda S			75000A.A200475
Size & difficulty of features	(Per Application of the Perf		2	5	3		3	- member de la company de la c	* April 1000		000000000000000000000000000000000000000	2 C0/20/20/2002
Play boating	Strange	Ì	3 3 2		9		3)dge***-	y de la company	100	10.00	
Rafting	JAM (1)	del	3	- The second	3		3	m) inspired	June 2018	State	Westerz	No. Eco.
Tubing	200	A-frank.	2:	Table Committee	2_	ļ	2		JE GIVE	52) Lan.	Account you	
Canoeing	į.	7042405	3	1,000	2	Manage	- 13	10.00	51,520-40:	10° 50° 50° 50° 50° 50° 50° 50° 50° 50° 5	Petershing.	STEATURE.
Kayaking	Orea(C)	- Table 1	3	a.c.	3		3	1	, Landard Co.	S.S.	- Contraction	NAZIA.
Eddy hopping	Pil.	X-Causey-	3	- incomplete	3	j	3	1	onto- 604	1,000	1	-\$400 P
Technical • maneuvering	9642 distance	Search for the experience	3	and the state of the	3	To have your	3		100m (200 (200 m))	enter produced recorded	CVG/cm photosystem	The sales of the s
River gradient	Chothillic		3		3	900	3		January.	igo.	Ŷ,	***
Driving distance to river	e i produce de la marcina de l	o (Proposition)	2		2		3	7 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m 2 m	objective (in a section)	Section Contract Act		- Carlotte State S
Shuttles	Children	and in the second	3		3	, one	3	Å.			, and the second	
Access to river	25,50977	of topusor.	2	**************************************	2	Agranda Agrand	2	į.		2) 5)	, , , , , , , , , , , , , , , , , , ,	
Parking	9 1/	ALL S	2	20.00	2	San	2		:	j.	94	100
Scenery	V		2	No.	a	W	2		1)	7	V	NI
Water quality	,	¥	2	V	2	V	2		*	1		
Overall			3		3		3					

11. Any other comments?

at higher flow, rock dam is a smaller drop, but surting is better

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/19/14, 2014	
Name: JONATHAN PENNUL	·
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	(Raft)
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	,
Beginner	Advanced
Novice	Expert
Intermediate •	
Please answer each of the following questions based of the flows boated. If you have no opinion about a p these questions or your responses with other particip	particular item, leave it blank. Please do not discuss
3. How many times have you boated the Turners Fa	lls bypass of the Connecticut River before this study?

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

11-20 times

6-10 times

>20 times

(Circle one)

0 times

1-5 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	(3)	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	0	2	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	(2)	3	4	5
Water quality	1	2	3	(4)	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2.8°7.	3	4	(5)

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19 AMO	2500	· (-2)	- <u>1</u>	0	1	2
7/19 AMO 3/19 PMO	3500	-2	(CP)	0	1	2
		-2	-1	0	1	2
•		-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

over 3500

• From your perspective, what is the **optimum flow** for this run?

?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500		/			
2	3500					
3						
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		_	V		
Other rivers in Massachusetts		V	1		
Other rivers in the northeast		V			
Other rivers in the country	V				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	3	3	果	Z4K	A	<i>6</i> .	3	4	9	4	4	
Suitable for intermediate boater	[1	gCoTcob/ning;patter(s),j-menc	**Pro-transpersonanti (**Profitorio)	1	1	(To	4	4	4	4	
Suitable for advanced boater	l	1	er pyrystelepotenty (100 pro-	- Necessia de la composicio della composicio della composicio della composicio della composicio della compos	1	/	1	4	4	4	4	
Size & difficulty of features	3	3	MANORES AND THE PARTY OF THE PA	•	2	2	1	4.	4	4	4	
Play boating	.3	3		- Auto-	1	í	1	4	Ч	J	4	
Rafting	*****	1	diame.	Affrance	1	1	3	1		- /	ĺ	
Tubing	1	1			1	7	3		The state of the s	-	77.00	
Canoeing	2	2	***************************************		1	1	7					
Kayaking	3	a	al and a second		_1		2				200	
Eddy hopping	3	3					1					
Technical maneuvering		1	STATE OF THE STATE	dona wasan na n	1	/	/	-	•	annual property and a second		
River gradient	Tompel.	7		ange and a second	2	2	./				The same of the sa	
Driving distance to river	l	-	CIT CLE CATOCOTTA CALCOLOGY	A CONTRACTOR OF STREET,	S WW W	3	3			*Andrews and the second	**************************************	
Shuttles	3	3	heaved to		X	2	3			as a second	and the same of th	
Access to river	3	3		1	j.	2	a					
Parking	3	3	D. Landson		<u> </u>	2	Ba					
Scenery	encessage.	ブ	Bayes and a second									
Water quality	1	1,			/_		4	1		-	\perp / \perp	
Overall			4	V		1	Δ	V	8	N	4	

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: _	7.21 G/eyn STewart	
1. Wa	tercraft used (Circle appropriate one):	
	Hard shell kayak	Stand up paddle board
	Inflatable kayak	C2
	OC1	Raft
	OC2	Cataraft
	C1 .	Other (describe):
2. You	ur whitewater boating skill level (Circle one):	
	Beginner	dvanced
	Novice E	xpert
	Intermediate	
of the fl	answer each of the following questions based on your expe ows boated. If you have no opinion about a particular iten uestions or your responses with other participants.	

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

6-10 times

1-5 times

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study?

11-20 times

>20 times

(Circle one)

0 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3%)	4	5
Shuttle Availability		2	3	4	5
Crowding	. 1	2	(3)	4	5
Weather	/1/	2	3	4	5
Water temperature		2	. 3	4	٠ 5
Attractive scenery	1	2	(3)	4	5
Water quality	1	2	3	4	(5)
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	5.1

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable	
7-19-14	2500/3500	-2	-1	0	$\overline{1}$	2	
7- 20-1U	5000/2000	-2	-1	0	(1)	2	
7.21.14	10000/1300	-2	-1	0	1	(2)	
	<i>8</i> 9 •	-2	-1	0	1	(2)	

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

2500

• From your perspective, what is the **optimum flow** for this run?

Unsure

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500	***************************************		V_		
2	3500			V		
3	5000				V	
4	\$000				V	,
5	10.000					V
6	19,000					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	(4)	5
provide opportunities for people with different skill levels and watercraft;	1	. 2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					
Other rivers in Massachusetts					
Other rivers in the northeast					
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	3	2	W	4	**************************************		3			4	V	
Suitable for intermediate boater	2	2.	4	e galegia especialistis en communicación de la composiçõe de la composiçõe de la composiçõe de la composiçõe d	2	And the second s	2	2		in support to the support of the sup		
Suitable for advanced boater	2	Law.	4		3		2	2	partition desired and the second		er li grand junga dan	
Size & difficulty of features	d Potentier	2	H	- Andrewsky (State of the State	3	eacon dy Draft Paris (A) walls	2	7	PHICHESON STATES	e recommenda	O STATE OF S	
Play boating		Securi	A	ecc _i	"Zg	- Long-	3	7	AMERICA .	Na species	- Decorption	
Rafting	V-	V	4		出	The state of the s	<i>L1</i>	L	6000000	Schillen.	1	
Tubing	6 1	3	(-)		4	100	LŊ	4/	1000	*	the second	
Canoeing	U	VI			Ч	OFFICE AND A STATE OF THE STATE	V	-	OCTOBASO,	WASHINGTON	aut Chath	
Kayaking	***	de .	(0)	and the same of th	7	25000	2	2	and or an and an	000 AM	- Control	
Eddy hopping	40 min	and the same of	4		-3,		2	73	and the second	Negation.		
Technical maneuvering	Market - V	decourse.	V		3		and the same of th	2	Control of the Contro	202/27/400	- Lancadon la Confession (
River gradient	į	E CONTRACTOR CONTRACTO	V		2	- Arlinana		3		Carrie	Reds (Maga	
Driving distance to river	9	3		oli elite anno garage	3	Non-State Charles	3	2		Canal Canal		
Shuttles			1		· ′.	STEEL	•		100	40.0064		
Access to river	ANTON	1	Ü		at web		1	3	,5 2000	100000		
Parking	- Control of the Cont		H	4	1		1	3	77	LE COLOR		
Scenery	2	2	-		2	- 1	~3	\neg	74 979 est 54		200	
Water quality		2	U		1		Ť				Age Constitution	
Overall	2	2	Ŵ	V	3	V	ľ	3	V	4		

11. Any other comments?

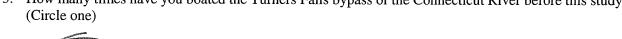
COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/26	, 2014	
Name: Zoche	ry Hvizdak	
1. Watercraft use	ed (Circle appropriate one):	
Hard she	ll kayak	Stand up paddle board
Inflatabl	e kayak	C2
OC1		Raft
OC2		Cataraft
C1		Other (describe):
2. Your whitewa	ter boating skill level (Circle one):	
Beginner		Advanced
Novice		Expert
Intermed	iate	•
of the flows boated		experience or reaction to the river at each ar item, leave it blank. Please do not discuss

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study?



0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	3
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	(2)	3	4	5
Shuttle Availability	1	2	3	4	5
«Crowding	1_	Q	3	4	5
Weather		2	3	4	5
Water temperature	0	2	. 3	4	. 5
Attractive scenery	1	3	3	4	5
Water quality	1	2	3	a	5
Thrilling experience	1	2	3	a	5
Safe trip	1	2	3	4	((3))
Rela	ative				

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
	2500	(2)	-1	0	1	2
	3500	<u> </u>	-1	0	1_	2
	5000	-2	-1	0	1	2
	8000	-2	a	0	(1)	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

From a recreational perspective what is the minimum acceptable flow for this run?
 Note that minimum acceptable differs from minimum flow necessary to navigate.

5000

• From your perspective, what is the **optimum flow** for this run?

good for Rock Penn

Much Higher then 8000 for everything else

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500	X				
2	3500 5000	×				_
3	5000				*	
4	2000			×		
5						
6						1000

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	3
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	3

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best	
Other rivers within a 1 hour drive		?				not local
Other rivers in Massachusetts						not local
Other rivers in the northeast		×				
Other rivers in the country	X					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut

4 = No experience boating the river $P_1 \neq P_2 \neq P_3 \neq P_4 \neq P_4$

					1								
	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield, E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all	Negative sections
Suitable for novice boater	4	4	4	3	3	4	3	4	4	4	4	4	
Suitable for intermediate boater		opening and the control of the contr	CONTROL OF	3	3	*idcobrantaniana	3	Control Desirement				menter del delegation pape.	
Suitable for advanced boater				The state of the s	3	AANTILIEN OLI OOLI OOLI OOLI OOLI OOLI OOLI OOLI	3		A PARTICULAR DE LA COMPANION D			All Management	
Size & difficulty of features			•	1	3	c	3	ORDO SCIENCES				- Palestone and a party of	
Play boating				1	-3		3	одъщи				The state of the s	
Rafting			NACOTOCO NA	2	2		11/4	opa Mariana					1
Tubing		-	COLUMN	3	2		?]
Canoeing				2	3		<u>3</u> 3						
Kayaking				1	3		3						
Eddy hopping				1	1		1	03000					
Technical maneuvering		and the second second	ALCOHOMOTO THE STATE OF THE STA	l	3	000000000000000000000000000000000000000	3				- APPROXIMENT -	•	
River gradient				Ì	3		2		New York	of the same		- Adjusting	
Driving distance to river		Constitution of the Consti	and the second s	NA	NA		N/A		The state of the s				Not local
Shuttles				2	3		3						
Access to river				2	2		3						
Parking	-			2	2		3					1	
Scenery				1	2_		3						
Water quality		on the same of the		1	1		l						
Overall		1		1	3		3			. 1		Quantity (

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	
Name: Alex Trolemberg	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1 .	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based or	your experience or reaction to the river at each

Please answer each of the following questions based on your experience or reaction to the river at each of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	(3)	4	5
Accessibility	· 1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	1	2	3/	4	5
Water temperature	1	2	(3)	4	. 5
Attractive scenery	1	(2)	3	4	5
Water quality	1	2	(3_)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	(3)	4	5

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/219an	10,000	-2	-1	0	1	2
7/21 IPM	14,000	-2	-1	0	1	(27)
ÿ		-2	-1	0	1	2
	•	-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

5000

• From your perspective, what is the **optimum flow** for this run?

8500

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10,600				\forall	-V,
2	10,600					
3	* ? ?					
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	(3)	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

	~1	0	1	2	<u> </u>
Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		V			
Other rivers in Massachusetts		ئىسى <i>ت</i>			
Other rivers in the northeast		.			
Other rivers in the country		J			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	Ч	4		H	2	4	Z	4	2	3	4	4
Suitable for intermediate boater	Constitution and the second	ETTOGRAMINE TO THE STATE OF	6 of the Communication of the	Common portion (composition)	2	egin erre ar michel i incode en de	Trends of the State of the Stat	**************************************	2	The second second	5	**************************************
Suitable for advanced boater	To a second	and the second distribution of the second distri	A control of the cont	The transfer of the state of th	2:	Personal	and the second	المنسوديي ويرادي حيادان	2			
Size & difficulty of features					3	The state of the s	and the second second second	*College State College State C	32 5	. [approximately and the second
Play boating Rafting	\		-		32		Dr. Sibsandic	- Arthritis	2		and other states	***************************************
Tubing			70 M				- Selection - Sele	2	1			
Canoeing			- C		2	1	- 1		7.			-/-
Kayaking	1	t.			2	S) alternation	× ×	- Lincoln Co.	2 3			
Eddy hopping		- Province	et de la constant de	**************************************	2			-14-000	3		1	1
Technical maneuvering	si reli de Andri (Pè Ango _{logi})	dindikipikkanigadi	And a second	Stricture Septembronous	7	Anneal (1995) (Sheenh	Non-well-backery	and the state of t	2	- Address Addr	PROVINCE OF STREET	ili alivatine espanos
River gradient	and the second	-make, e.g.			l'	Verlagge, part	T.		Ziin			
Driving distance to river	edemokrafisky jednost.			end orange of the second	3	WWW States of the	Territorio con para per cura	· ·	2 2	- Contract and a second	S. Company of the Committee of the Commi	and the second s
Shuttles		·	1		3	S. cake also a	ADRES - T		4			
Access to river	and the second s			2./		opposition and the second		-	2	-	1	
Parking	chestaets				ľ	-thatasha			2			
Scenery			White	7	7	Para Para Para Para Para Para Para Para			17			
Water quality	ag.		Vitalisticana	B		Vo manyofili				1		
Overall	1		Sample Co.		·				7		1	a Company

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Dat	e: 7/21		, 2014		
Naı	me: Ryan	Mooney			
	ı	· ·			
1.	Watercraft used	(Circle appropria	ite one):		
	Hard shell l	kayak		Star	nd up paddle board
	Inflatable k	ayak		C2	
	OC1			Raft	t
	OC2			Cata	araft
	C 1		•	Oth	er (describe):
2.	Your whitewater	· boating skill lev	el (Circle one):		
	Beginner			Advano	ced
	Novice			Exper	
	Intermediat	e ·			
of t		If you have no op	oinion about a po	articular item, leav	e or reaction to the river at each ve it blank. Please do not discuss
3.	How many times (Circle one)	have you boated	I the Turners Fall	ls bypass of the Co	onnecticut River before this study
	0 times	1-5 times	6-10 times	11-20 times	>20 times
4.	A number of facthese factors to y				r trip. How important are each o

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	3
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	(2)	3	4	5
Shuttle Availability	1	2	3	4	5
Crowding	7	(2)	3	4	5
Weather	(1)	2	3	4	5
Water temperature	. 1	2	3,	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	4	_ 5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	<u>(4)</u>	(3)

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
		-2	-1	0	1	2
		-2	-1	0	1	2
7/21	10,000	-2	-1	0	1	(2)
7/21	13,000	-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

2,500

• From your perspective, what is the **optimum flow** for this run?

13,000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10,000					K
2	13,000					X
3	7					
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

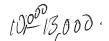
A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	<u>E</u>)
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	<u>3</u>

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive				X	
Other rivers in Massachusetts			X		
Other rivers in the northeast		′	×		
Other rivers in the country			×		

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.



¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

•	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	4	4	3	4	3	7	1	Y	2	7	И	Ч
Suitable for intermediate boater	4	7	B	M	2	۲	2	٩	2	Ч	٧	. Y
Suitable for advanced boater	٦	4	7	Λ	2	Ч	4	Ч	2	4	٧	Ч
Size & difficulty of features	4	A,	2	\sim	3	, Υ	٨	٧	N	4	٩	М
Play boating	Ч	Ч	3	N	2	√\	Λ	V	2	4	Ч	Ч
Rafting	Ч	Ч	2	d	2	V	V	Ч	2 2	М	4	N
Tubing	ц	Ч	14	M	Dir	٨	Ŋ	V	N	7	Ν	N
Canoeing	И	Ч	3	Ч	4	М	И	Ŋ	М	M	Ν	Ч
Kayaking	7	7	3	Ч	2	>	4	N	2	М	М	У
Eddy hopping	Ч	М	2	М	1	Ч	4	N	2	7	V	N
Technical maneuvering	4	Ч	2	۲		4	প্	9	2	7	Λ	٦
River gradient	7	Ŋ	2	۸	2	Ч	И	4	2	٧	V	4
Driving distance to river	ч	Λ	2	٧	2	Ч	٩	٩	2	4	V	4
Shuttles	4	Ч	2	И	3	7	4	٦	2	Ч	V	И
Access to river	ч	ν,	2	М	1	N	N	٦	3	N	N	V
Parking	Ŋ	٧)	1	Ŋ	2	N	4	ή	7	4	Ŋ	4
Scenery	И	4	2	Λ		Ч	7	Ч	2	N	4	9
Water quality	Ч	Ч	2	Ŋ	1	Ч	4	Ч	3	4	Ч	٧
Overall	Ч	٩	2	И	2	Ч	η	Ŋ	1	1	Λ	٨.

11. Any other comments?	
This section of river is very fun	and would be
Valuable to New England whitewater. The	more water
the better for this section thaving a "big" this region would be very valuable.	water option in
this region would be very valuable.	·

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 720 2014 , 2014	
Name: Michael D. Parker	
	·
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1 .	Other (describe):
2. Your whitewater boating skill level (Circle one):	X
	Advanced
Beginner	Advanced
Novice	Expert
Intermediate	•
Please answer each of the following questions based on your of the flows boated. If you have no opinion about a particular these questions or your responses with other participants.	-

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study?

(Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	,2 ⁻	3	4	5
Accessibility	1	2	3	(4)	5
Shuttle Availability	1	2 4	3	4	5
Crowding	₫>	2	3	4	5
Weather	(1)	2 ,	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	(4)	5
Thrilling experience	1	2	(3)	4	5
Safe trip	1	2	3	4	5

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7119	2500	-2	(-1)	0	1	2
7/14	2500	-2	(-1)	0	1	2
7/20	5000	-2	-1	0) 1	2
7/20	8 000	-2	<u>-1</u>	0	(1)	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

From your perspective, what is the **optimum flow** for this run?

5000 Maybe 10,000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500		V			
2	3500		Variation 1	***************************************		
3	6000			•		
4	8000					*
5	400					
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;		2	3	4	5
provide opportunities for people with different skill levels and watercraft;		. 2	3	4	5

or, tit isn't important to provide a variety of flow levels for boating. Easy, or difficult while on that optimal level.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		,			
Other rivers in Massachusetts		Variable 1			
Other rivers in the northeast					
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass' section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

					K				*			
	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Arhol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater					Apparent				et anticoppe			
Suitable for intermediate boater		e			2				7			
Suitable for advanced boater					3				3			
Size & difficulty of features	٠	W74444			3	1			3 2 2	•		
Play boating					7				2			
Rafting					4.				<i>"\L</i>			
Tubing Canoeing					- 1							
Kayaking									\$			
Eddy hopping									,			
Technical maneuvering					- Constant of the Constant of				ANIMA			
River gradient					1				fg.			
Driving distance					,							
to river					1				1			
Shuttles					1				-			
Access to river					Į				1			
Parking					١				-			
Scenery					Adopt				ì			
Water quality					1				(
Overall					· Name							

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 1/21, 2 Name: Tyler Randowka.	014
1. Watercraft used (Circle appropriate one	s): ·
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Ci	rcle one):
Beginner	Advanced
Novice	Expert
	ons based on your experience or reaction to the river at each about a particular item, leave it blank. Please do not discusser participants.
3. How many times have you boated the T (Circle one)	Furners Falls bypass of the Connecticut River before this study?
0 times 1-5 times 6-	10 times 11-20 times >20 times
4. A number of factors can affect one's s these factors to you? (Circle one numb	atisfaction with a whitewater trip. How important are each of er for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	. 5
Shuttle Availability	1	2	3	4	5
Crowding	1	(2)	3	4	5
Weather		2	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	5-5

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1121	10/00	-2	-1	0	(3)	2
7/2/	1911117	-2	-1	0		2
	/ " war" .	-2	-1	0	1	2
		-2	-1	0 •	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

7,00 a ari)

• From your perspective, what is the **optimum flow** for this run?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10100					
2 .	3,00				Lander	
3	1			**	•	
4						
5						
6 .						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	• 1	1/-			
Other rivers in Massachusetts		1/			
Other rivers in the northeast					
Other rivers in the country	·				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	4	4	3	4		4	4	4	3	1	4	1
Suitable for intermediate boater	- Commission of State of Confedence of the State of Confedence of	**************************************	2	doublet count to it and distributed at the last	2	The state of the s	A resident and the second seco	may reserve to the first of the	2	The second second	and the second s	
Suitable for advanced boater	2000	And Comments of the Comments o	3	inante de la français	2	editions of Applications of		" Agranting and		C. C	- Waterback	\$4000\$ (Columbia) (Section 5)
Size & difficulty of features	New Proposition of the Control of th	SCHOOL SALES AND STORY		managa di	1	and the state of t	p-to-position to	The second second	· Allendaria			•
Play boating	elli o e e e e e e e e e e e e e e e e e e	Sittoppiani	-	- Company	2	da Ja	126/201	. 1		j.		
Rafting	and the same of th	doc-you	2	d-later	ı	of eccessive.	100		P	(S) Article		
Tubing	Shirt to	* Poplares	63	-4622745		Consister Constitution of the Constitution of	Spirit Sp		4	distant.	and the second	
Canoeing	Technol Sap	and should be	1	i i	14	See	j.		1			i opperation
Kayaking	enable pro-	- COOL	2		4						1	Accorda
Eddy hopping	Megaloo.	*P.SPr.stagr	1	No.		50.050)	Principle.		į.	2.0		on/Marco
Technical • maneuvering	enuly relegion in Alam	catherina parte and a second		A TOTAL STATE OF THE STATE OF T	2		New Collinson		All property of the second	The second second	North Control	Note of the Control o
River gradient	and State of		1	- Shrunda	3	i i	Qu'an		É	400000	3	CTP-day
Driving distance	A CONTRACTOR	ppid do		70	1	\$200 P	a.		0		30	000
to river	100	grade of the William	3	200		P. Paris	Section 2		7	Mary Mary	Christian Christ	casavania
Shuttles		\{	2	the state of the s		in the	- Andrews		l l	Alleroots	()	Zhali san
Access to river	d Taranta		42	The state of the s		Haring	disposed		F	puodijāši.	reporter.	dispersion
Parking						Triditates	the first feet		Ē.	derpersonal	erforito.	1
Scenery			Ł	(Commercial)	ĺ	adirum(a	1		1.	- Physical P	No. of the control of	N.
Water quality	1	1	2		in the second	671.1400				epinor-01-1	igov some	of part part la
Overall	or Company	AC-30			2						-	

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 10/4 21 , 2014	
Name: Teffrey Gre	ev
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle	one):
Beginner	Advanced
Novice	Expert
Intermediate	•
	based on your experience or reaction to the river at each out a particular item, leave it blank. Please do not discuss articipants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4)	(5)
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	3	3	4	5
Shuttle Availability	1	2	3	4	. 5
Crowding	(1)	2	3	4	5
Weather	Y.	2	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	(2)	3	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/21 9-11	19,000	-2	-1	0	1	(2)
2/21 1-3	13,000	-2	-1	0	(1)	2
	***	-2	-1	0	1	2
		-2	-1	0 .	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

<u>\$7(00</u>0

• From your perspective, what is the **optimum flow** for this run?

10,000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2	,					
3						
4						
5	10,000					X
6	13,000					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or,
it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	. •			X	
Other rivers in Massachusetts			N		
Other rivers in the northeast	_	X	,		
Other rivers in the country	X				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

·	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield, E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to	Westfield, N. Branch, all sections
Suitable for novice boater	4	4	Y	Ч		4	· Y	7.	3	Ų	Ų	4
Suitable for intermediate boater	(Abinetical desirable desi	A CONTRACTOR OF THE CONTRACTOR			, and the same of				2	Andrew Stone Consultation Co. St. St. St. St. St. St. St. St. St. St	Action to the contract of the	and constant to the state of the
Suitable for advanced boater	Application of the control				3			A State of the Sta		guide demantion ion.		Absorbed Co.
Size & difficulty of features		g inggrundstiteerbis			3	No. of Control of Cont	Appendix A	N CERTAINS	2	And added to the	And a	one consiste constituent
Play boating	(Ovudery)	atupitiki.	objection of the second	d'annual de la constant de la consta	2	in the second	The part	- Secretary	~2,		ĺ	Street
Rafting	buredul	_{jes} podi ^l ésr			2	- Money	MAPE	ž A	100	10.1		
Tubing	De Calendario	A. Dagge	9			article.	hite sh	i de l'action	, m	debent.		
Canoeing	100	yrgathidir		PECCOSTANT AND	2		and the	A CO	1	T, SSOFT PR	illusion and the second	572,000
Kayaking	200000	- Sementin	100		7		- arkazi	ongroue	2	WESTERN .		
Eddy hopping			- Completely	The state of the s	de de		45.35%	1				
Technical • maneuvering		The state of the s			2				e describe	Account of the second		
River gradient	No.	Commence of the contract of th	1	Table 1	3	5	85		1		9	
Driving distance to river	- P	SECTION SECTION	-condition (Inc.		S	7	account of the second		3			
Shuttles	Mary Mary	No.	Generalis	and the second	2	Specialism			2			
Access to river		SHEENES				55500	100 to 100	177		Stigness	COMPAND.	
Parking	100	Dispare	No.		Ì		al constant		2 2 2			7.000(54.95
Scenery	W. S. S.	Spenit (To the second		1			700.00 M	2	and the same of th		W. (2010)
Water quality Overall	V	V	V	V	3	V	V	V	2	V	V	V

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	4/21	-	_, 2014			
Name: _	Jesse C	men_	¢ .			
1. Wate	ercraft used (C	ircle appropriate	one):			
	Hard shell kay	yak		Stan	d up paddle board	
	Inflatable kay	ak		C2		
	OC1			Raft		
	OC2			Cata	uraft	
į	C1		•	Othe	er (describe):	
2. Your	whitewater bo	oating skill level	(Circle one):	i		
	Beginner			Advanc	ced	
	Novice			Expert		
	Intermediate	>				•
of the flo	ws boated. If y		ion about a par	ticular item, leav	e or reaction to the river at educe or reaction to the reaction of the	
	many times ha	ave you boated th	ne Turners Falls	bypass of the Co	onnecticut River before this s	tudy?
(0	times	1-5 times	6-10 times .	11-20 times	>20 times	
		rs can affect one 1? (Circle one nu			trip. How important are ea	ich of
			•			
						c

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	. 1	2	3	4	5
Accessibility	1	(2)	3	4	5
Shuttle Availability	(1)	2,	3	4	5
Crowding	h	(2)	3	4	5
Weather	(1)	2	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	0	2	3	4	5
Water quality	1	(2)	3	4_	5
Thrilling experience	1	2	3	(4)	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
701 n-11	lo K	-2	-1	0	(1)	2
1-3	13K	-2	-1	0	1	2
		-2	-1	0	1	2
		-2	-1	0	• 1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

5K?

• From your perspective, what is the **optimum flow** for this run?

8-91

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10 V				V.	
2	. V3VL				V	
3						
4				•		
5						
6	·					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	- Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		· %			
Other rivers in Massachusetts		. 7			
Other rivers in the northeast	*	7			
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater									3			
Suitable for intermediate boater					a	£						
Suitable for advanced boater					3				A			
Size & difficulty of features				Ł	3				2	•		
Play boating					3 2 3				2			
Rafting					2				1			
Tubing					3				3			
Canoeing					<u>à</u>				2			
Kayaking					3				^			
Eddy hopping					1				1			
Technical maneuvering	•				3							
River gradient					3				1			
Driving distance to river					3				3			
Shuttles					3				3			
Access to river					1				%			
Parking					2				3			
Scenery					1				2			
Water quality					1				2			
Overall	Ц	4	Ч	Ч	1	Ч	И	N	1	Ц	N	N

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: _	+-2 , 2014			
Name:	Robert Mastora	<u>ks</u>		
1. Wa	tercraft used (Circle appropriate one):			
	Hard shell kayak		Stand up paddle board	
	Inflatable kayak		C2	
	OC1	•	Raft	
	OC2		Cataraft	
	C1	of the state of th	Other (describe):	4
2. You	nr whitewater boating skill level (Circle	one):	Procedure differences	
	Beginner		Advanced	
	Novice		Expert	
	Intermédiate			

Please answer each of the following questions based on your experience or reaction to the river at each of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3')	4	5
Shuttle Availability	1	(2)	3	4	5
Crowding	1	2	(3)	4	5
Weather	1	2	3	4	5
Water temperature	1	2	. 3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	5

	Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
AM	7-21.	10 K	-2	-1_	0	(1)	2
OM	7-21	12 K	-2	<u>(-1)</u>	0	1	2
<i>§</i>	3		-2	-1	0	1	2
			-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

5 <u>K</u>

• From your perspective, what is the **optimum flow** for this run?

5-10 K

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10 K				1	
2	12 K		. 1 / .			
3			-			
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	×			-	
Other rivers in Massachusetts	*				
Other rivers in the northeast	>=				
Other rivers in the country	×				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

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- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

,	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	4	H	И		l	Ч	4	И	3	И	4	И
Suitable for intermediate boater	1	V			and the second second	V	V	V	•	V	V	V
Suitable for advanced boater	V				2							
Size & difficulty of features	c								2			
Play boating					1)			
Rafting					1				1			
Tubing					3				3			
Canoeing										`		
Kayaking		-										
Eddy hopping												
Technical maneuvering						•						
River gradient					1				1			
Driving distance to river					3		-	3	3			3
Shuttles					3				3			
Access to river					1				2			
Parking					1				2			
Scenery					1				2			
Water quality					1				2			
Overall				,					2			

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:, 2014	
Name: Markue, Freehol	
V	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1 .	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	(Expert)
Intermediate	
Please answer each of the following questions based or of the flows boated. If you have no opinion about a par	

these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

1-5 times Q times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	(3)	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river		2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	(~2)	3	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	3	4	. 5
Attractive scenery		2	3	4	5
Water quality	(1)	2	3	4	5
Thrilling experience	1	2	3	4	5
Safe trip	(U)	2	3	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
19211	10,000	-2	-1	0	(V	2
131+30	13,000)	-2	-1	0	(1)	2
		-2	-1	0	Y	2
		-2	-1	• 0	· 1	2

- 6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).
- From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.
- From your perspective, what is the **optimum flow** for this run?

Flow (cfs)

7/21

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	000,(1)					
2	12000			, 🗸		
3	. 9					
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2		4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					
Other rivers in Massachusetts					
Other rivers in the northeast					
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	Ц	4	4	4	١.	7	7	4	1	7	4	4
Suitable for intermediate boater		And the second s	*inventopologopologo	e e e e e e e e e e e e e e e e e e e		чүүн не отого отого от	et complete and the specific throughouse projection.	_(A) et photograpio este recunstrati (A1940).	1	propose on the proposed materials	And the second s	Companies de la companie de la compa
Suitable for advanced boater			ugi tifu escali jimmenua	Assertation of the contraction o	F		in the state of th	v djadžinose se pagagaja	Assessment		oo garay je jaar oo sa in billar	ууддалындайгүйгүйс
Size & difficulty of features		4		Anni (Sandanin anni Sandanin (Sandanin anni Sandanin anni Sandanin anni Sandanin anni Sandanin anni Sandanin a	ŀ		Contact recipionary	-	1		G	ossi una edito
Play boating		- ampairing	1		١	Francisco	ACT THE PARTY OF	**************************************	1			Zinigrazza
Rafting		ani anti-anti-anti-anti-anti-anti-anti-anti-	1	N. P. Carron	١	Permanet	Charles (1		1	9
Tubing	-	*(c)**(i, nem		- Control of the Cont	I	Section of the sectio	attimo)))-muselle	I	30	1	i i
Canoeing		Avenue	1	Philipper		'tababa jaga	westing	Econolis 6	1		, common	, and a second
Kayaking	and a second		The State of the S	and delined an	1	Allendraen	Towns or the last	dilipolaci	1		opposition.	
Eddy hopping		- Claring and Co.	PON STRAIGH	The state of the s		Orenality		Marine San	ı	- Landard	Life scores	-
Technical				- OUTSTANCES		A CONTRACTOR	Constitution of the Consti	Strangelands	,			
maneuvering	and	de production of the contract		Sienzene en Pr	,	a de la composition della comp		COMMONTO	.1			
River gradient	or design				1	-		na walliaffi.	1			
Driving distance			70000	. 600	2	\			2			
to river	4 4			9					3			
Shuttles	Landa-App (d)	1	1		33		-books and		4			and the same of th
Access to river		an equitable	***		3	- Section Sect	ybq ₁₀₀		1			
Parking					3	accurate and a			3			
Scenery	ex-		and the same of th		1		ì		3			war and desired
Water quality		4	100	qualify production	3		Un-Product					1
Overall	-	The state of the s				1	GL ST	1	1			\

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: _	7/21/14	_, 2014	
Name:	COLLIN SCHAUERMA)	>	
1. Wa	tercraft used (Circle appropriate	one):	
	Hard shell kayak		Stand up paddle board
	Inflatable kayak		C2
	OC1		Raft
	OC2	Concession of Control	Cataraft
4	C1		Other (describe):
2. You	ır whitewater boating skill level	(Circle one):	
	Beginner	A	dvanced
	Novice	E	xpert
	Intermediate		
of the fl		ion about a particular iten	rience or reaction to the river at each n, leave it blank. Please do not discuss
	w many times have you boated the cle one)	e Turners Falls bypass of t	the Connecticut River before this study?

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

11-20 times

>20 times

6-10 times

0 times

1-5 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	(2)	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	3	4	5
Weather	CV	2	3	4	5
Water temperature		. 2	3	.4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/21 9-11	10,000	-2	-1	0	1	2
7/21 1-5	13,00	-2	-1	0	1	(2)
		-2	-1	0	1	2
•		-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

2500

• From your perspective, what is the **optimum flow** for this run?

10,00

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2						
3						
4						ومشتنان
5	10,000					t-market
6	13,000					L. Company

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	(3)	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or,

it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive				i,	_
Other rivers in Massachusetts		And the same of th	Varanta	·	
Other rivers in the northeast		Variation			
Other rivers in the country		1			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for											***************************************	
novice boater Suitable for												
intermediate												
boater												
Suitable for								 				
advanced boater												
Size & difficulty				¢								٤
of features												
Play boating												
Rafting			. j .	3	1				2			
Tubing												
Canoeing												
Kayaking												
Eddy hopping												
Technical maneuvering									٠			
River gradient												
Driving distance												
to river										-		
Shuttles												
Access to river												
Parking												
Scenery												
Water quality												
Overall												

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	-1/4, 2014 + A+	ACIL	
1. Watercraft used (Ci	rcle appropriate one):		
Hard shell kay	ak	Stand up paddle board	
Inflatable kaya	ak	C2	
OC1		Raft	
OC2		Cataraft	
C1 .	•	Other (describe):	
2. Your whitewater bo	oating skill level (Circle one):		
Beginner		Advanced	
Novice		Expert	
Intermediate	,	•	

Please answer each of the following questions based on your experience or reaction to the river at each of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	<u>(5)</u>
Accessibility	1	2	3	4	(5)
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3_)	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	(4)	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	(5)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/21	10,000	-2	-1	0	1	(2)
8	,	-2	-1	0	1	2
7/21	13,000	-2	-1	0	1	2
	1	-2	-1°	0	1	2

- 6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).
- From a recreational perspective what is the minimum acceptable flow for this run?
 Note that minimum acceptable differs from minimum flow necessary to navigate.
- From your perspective, what is the **optimum flow** for this run?

10,000 0055 LOWER THAN 10,000 055

Flow (cfs)

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10,000					
. 2	13,000			-		
3						·
4	TR, 0					
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	(3)
provide opportunities for people with different skill levels and watercraft;	1	2.	3	4	5

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					
Other rivers in Massachusetts		V			
Other rivers in the northeast					
Other rivers in the country	Nagarat .				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	I LL '	Green, VT. To MA.	30	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	4	4	3	Bar		90 M	44.1.7.1.1 44.1.7.1.1	4		Ŋ	Ŋ	K
Suitable for intermediate boater)	Allen	Alley		Confidence of			
Suitable for advanced boater				estilingship			April (1979)					
Size & difficulty of features		distriction				j	1			٥		
Play boating	2550			3	•	13	1		3			F.
Rafting				1	à	1	2		1	Settage		
Tubing				66,713	À	3	3		V42 V. V.			
Canoeing	37	Manage of the second		1		à	Ì		1			
Kayaking		No.		1		4	1	<u></u>	1			
Eddy hopping				1		3	-		· ·			
•Technical maneuvering				Miller		4333860	Ì					
River gradient	diag.	Î			and the second	45800	2	92000	-	WALLES OF THE STREET,		200
Driving distance to river					All states)	3		2			No.
Shuttles	Till San		The state of the s	N.	M	diam	8		•			
Access to river			100000000000000000000000000000000000000)	N.	1	1		1			
Parking		and the second	SECTION .	3	ą.				ì			
Scenery				2	and the same of th	1	1		Q		Ĭ	
Water quality	1		No.	1	1	1	3		3	2000		
Overall	4	A	40	1)		2	4	1	V	3/	

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Da	ite: 7-2)		, 2014		
Na	me: Frank	MOONEY	-		<u> </u>
1.	Watercraft used (Cir	cle appropriat	e one):		
	Hard shell kaya	ık		Star	nd up paddle board
	Inflatable kaya	k		C2	
	OC1			Raft	B
	OC2			Cata	araft
	C1 .		•	Othe	er (describe):
2.	Your whitewater boa	ating skill leve	l (Circle one):		
	Beginner			Advano	ced
	Novice			Expert	
	Intermediate				
of t		ou have no opi	nion about a pai	rticular item, leav	e or reaction to the river at each we it blank. Please do not discuss
3.	How many times hav (Circle one)	e you boated t	the Turners Falls	bypass of the Co	onnecticut River before this study?
	0 times	1-5 times	6-10 times	11-20 times	>20 times
4.	A number of factors these factors to you?				trip. How important are each of

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	3	(4)	5
Shuttle Availability		2	3	4	5
Crowding	1	2	3	4	5
Weather	1	(2)	.3	4	5
Water temperature	. 1	2	. 3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	, 4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/7/ AM	10,000	-2	-1	0	D	2
1		-2	-1	Q	1,	2
9/21 PM	13,000	-2	-1	(0)—		2
		-2	-1	Ō	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

3500

• From your perspective, what is the **optimum flow** for this run?

5000-800

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2			-			
3						
4						
5	10,000				<u> </u>	
6	15,000					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive			V		
Other rivers in Massachusetts			V		
Other rivers in the northeast		/			
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

Suitable for advanced poater Size & difficulty of learners of advanced of learners of lea	
intermediate boater Suitable for advanced boater Size & difficulty of features Play boating Rafting	
advanced boater Size & difficulty of features Play boating Rafting 1	
of features Play boating Rafting 1 1 1 1 2 1 2 1 1 1 1 1 1 1 1 1 1 1 1	
Rafting 1 3 Z	
Rafting 1 3 Z	
Tables	
Tubing	
Canoeing	
Kayaking	
Eddy hopping 1 1 2	
Technical · · · · · · · · · · · · · · · · · · ·	
maneuvering	
River gradient \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_
Driving distance to river	
	\dashv
Access to river 2 2	\dashv
Shuttles 3 2 2 Access to river 1 2 2 Parking 3 2 2	-
Scenery 1 1 1	\dashv
17.	
Overall 1 1 2	\dashv

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/2 , 2014 Name: Coney (giborne)	•
Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based of the flows boated. If you have no opinion about a pathese questions or your responses with other participations.	erticular item, leave it blank. Please do not discuss
a real to the P.H.	. Lower of the Composition Divor before this study

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	(3)	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	. (3)	4	5
Accessibility	1	(2)	3	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	(3)	4	5
Weather	(Î)	2	3 -	4	5
Water temperature	$\widecheck{1}$	2	3	4 .	5
Attractive scenery	1	2	(3	4	5
Water quality	1	(2)	3	4	5
Thrilling experience	1	2	(3)	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/21 9/20-1/20	10000	-2	-1	0	(i)	2
7/21 1:01 3:00	13000	-2	-1	0	1	(2)
		-2	-1	0	1	2
	•	-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

7500

• From your perspective, what is the **optimum flow** for this run?

13000 may

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10000				ス	
2	42000					×
3						
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft:	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		X			
Other rivers in Massachusetts		X			
Other rivers in the northeast	X	-			
Other rivers in the country	(X)				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to	Westfield, N. Branch, all
Suitable for novice boater		4	Y	2	* Andreas Constitute	1	2		2	Stores	4	194 (Jagger) in
Suitable for intermediate boater	representative of the second o		Microsoft distressor.	2	2	Constitution	2	SCHOOL STORY	2	4	V	Topico Principal
Suitable for advanced boater		4	\$	2	2	***************************************	2	Andread Section 1	Z		No.	4
Size & difficulty of features	4	+	4	7_	3	Sec. Sec.	2		٧.	4	The state of the s	Ц
Play boating	4	4	Descrip-	3			4	4	2,		U.	4
Rafting	II.	leder	and a	Ч	4		H	4	3	¥.		i.
Tubing	-K	4	Sange.	4	H	on the state of th	4	Ğ-,	4	И		4
Canoeing	4	4	H	4	4	de la	4		4	The state of the s	į.	L.
Kayaking	adgra	4.	4	2	Z	¥	Z		2	4	4	-
Eddy hopping	H	4	Ĭ-	}	1	di	and the	3		lof.	2	SALES
Technical maneuvering		4	U.	Фреклин	William Control	Sandyna da	· ·	and the second	1	·	4	4
River gradient	-	4	4	-politic ₀	7_	5.5°	2	4	2	-	4	4
Driving distance to river		J.	SCALLES CO. SCALLES	2_			3		7	24	1	4
Shuttles	Total pool	4	4	appetite .	1	W.	Σ		2	8-6	4	Ú-
Access to river	ħ	4	4	3	3	ił,	3	the l	1	¥	4	14
Parking	U.	4	7	3 3	2	P.	2	L.	3	44	44	A CONTRACTOR OF THE CONTRACTOR
Scenery	4	4	Farding.	3	3	24.65 (1)	2	Ų,	7		4	1
Water quality	4.	24		?	3	gord-	2	Series	L		and the second	ii.
Overall	4	4	4			4		4		Sand.	24.	Ų

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/2/ ,2014 Name: Jim Michaud	
Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
(OCI)	Raft
OC2	Cataraft
· C1	Other (describe):
2. Your whitewater boating skill level (Circle of	Advanced
Beginner	Expert
Novice Intermediate	·
Please answer each of the following questions be of the flows boated. If you have no opinion about these questions or your responses with other par	ased on your experience or reaction to the river at each at a particular item, leave it blank. Please do not discussticipants.
3. How many times have you boated the Turne (Circle one)	rs Falls bypass of the Connecticut River before this study?
0 times 1-5 times 6-10 times	nes 11-20 times >20 times
4. A number of factors can affect one's satisfa	action with a whitewater trip. How important are each of

these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	(3)	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	3	(4)	5
Shuttle Availability	1	2	3	4	. 5
Crowding	1	(2)	3	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	(3)	4	5
Attractive scenery	1	(2)	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	(3)	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
2500	2500	(-2)	-1	0	1	2
7/19	3500	-2	(-1)	0	1	2
7/30	5000	-2	-1	<u>(0)</u>	1	2
7/30	8000	-2	-1	0.	(1)	2

7/21 10000

7/19

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

8000

• From your perspective, what is the **optimum flow** for this run?

10000

Northfield Mountain Pumped Storage Project (No. 2485) and Turners Falls Hydroelectric Project (No. 1889) Modified Revised Study Plan

7. Rate the flows evaluated in terms of your craft and skill level

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	9-500	ساحا				
2	3500		V			
3	5000			1		
4	8000				la company of the com	_
5	10000					landar .
6	13000				landari di	

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	-				
Other rivers in Massachusetts		1			
Other rivers in the northeast		1,som			
Other rivers in the country		(Lamber)			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	1		T = LI	<u> </u>	1					4)1		,
	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Ī	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	1	2	4	4	1	4	3	4	1	4	4	
Suitable for intermediate boater	1	, and the same of			.3				8			
Suitable for advanced boater		3			3		Annia para para para para para para para pa		3			
Size & difficulty of features	1	3		£	3	:			3			٠
Play boating	3	7			3		1		3			
Rafting	3	3			3		方		1			
Tubing	1	3)		3		333333333333333333333333333333333333333			
Canoeing	7	j			3				3			
Kayaking		1			3		1		3			
Eddy hopping		J			3		1		3			
Technical • maneuvering	/	1			2		opposition of the same of the		3			
River gradient	7	2			3				7		Í	
Driving distance to river	7				2		A COLUMN TO THE PARTY OF THE PA		7			
Shuttles	7	1		***************************************	5	``			J	<u>-</u>		
Access to river		1			3		1		1			
Parking	1	1			Patente		2		1			
Scenery	/	3			13				1			
Water quality	2	3					1		3			
Overall	_/_	3			_3				み			

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/20/14, 2014 Name: Robert Brean	· ·
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1 .	Other (describe):
2. Your whitewater boating skill level (Circle o	ne):
Beginner	Advanced
Novice	Expert
Intermediate	•,
	sed on your experience or reaction to the river at each taparticular item, leave it blank. Please do not discuss

these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

6-10 times 0 times 1-5 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1 -	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	_3	(4)	5
Weather	1	2	3	4	5
Water temperature	1	2	3	4	. 5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19/14/9 AM	7500	-2	-1	0	1	2
7/19/14/1800		-2	-1	0	1	2
7/20/14/9A	n 5000	-2	-1	0	1	2
7/20/14/190	8000.	-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

.7560

• From your perspective, what is the **optimum flow** for this run?

ground 8000 cfc

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500					X
2	2500 3500				*	Χ
3	5000					×
4	8000					×
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		X	X		
Other rivers in Massachusetts		X			
Other rivers in the northeast		×			
Other rivers in the country		Х			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	Z	٩	4	4	1	Ч	4	4	4	4	4	Z
Suitable for intermediate boater	7					e unament	- Annual	erindigelogiskopstolker/delections		, and a supplemental supplement	p in the second	7
Suitable for advanced boater	N	نا	One of the last			digracous endodolatico						3
Size & difficulty of features	3	4			-	4					ACCEPTANCE OF THE PROPERTY OF	3
Play boating	2				1							7
Rafting	2 3				1							7 3
Tubing	- 1				1)				No.		and the same of th
Canoeing	2				and a	- The same of the			000	Totherase	- Company	Z
Kayaking	7 7				١				and the same of th		Acceptable.	2
Eddy hopping	7				appear of the same		-					2
Technical maneuvering	Z			SHE DANSON AND AND AND AND AND AND AND AND AND AN	and the same of th			**************************************	diverse service control of the service contro	200000000000000000000000000000000000000		S
River gradient	て				1							Z
Driving distance to river	Z				e egyptyrydd a gynn y gan y	CHISTORIST CHARLES TO THE CHARLES TO	The state of the s		4/000000000000000000000000000000000000	gyppogramora-marroson	at Englyvygosiskehen.	2
Shuttles				***************************************)		and the second					
Access to river	2				eg _g							2
Parking	2 2 2 7				1		Managara (1				2 2 7
Scenery	2				ر 2					***		2
Water quality	2						- 1				,	7
Overall	2	J	V		1			1				2

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: _	July 21, 2014	
Name:	Com A. Tinney	
	J	
1. Wa	tercraft used (Circle appropriate one):	
	Hard shell kayak creek + play boot	Stand up paddle board
	Inflatable kayak	C2
	OC1	Raft
	OC2	Cataraft
£	C1	Other (describe):
2. You	ar whitewater boating skill level (Circle one):	
	Beginner	Advanced
	Novice	Expert
	Intermediate	•

Please answer each of the following questions based on your experience or reaction to the river at each of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	(1)	2	3	4	5
Weather	1	2	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery		2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	(3)	4	5

out weather)

5. Evaluate the following flows for your craft and skill level. In making your evaluations, consider all the flow-dependent characteristics that contribute to a high quality trip (e.g., navigability, whitewater challenge, safety, availability of features, aesthetics, and length of run). If you did not boat a particular flow(s) during the evaluation, do not rate that flow.

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19	2500	-2	(-1)	0	1	2
7/19	3500	-2	(-1)	0	1	2
1/20	5000	-2	-1	(0)	1	2
7/20	\$4000	-2	-1	0.	Ū	2
7/21	10000				(1)	submace Administration of the Conference of the
7/21	13000		State of the state		(0)	

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

5-8000 offer nice technical challing at rockdam 10,000 - introduced place place place but a bit washed From a recreational perspective what is the minimum acceptable flow for this run? Flow (cfs)

Note that minimum acceptable differs from minimum flow necessary to navigate.

From your perspective, what is the **optimum flow** for this run?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500		X			
2	2500 . 3500		Х			
3	5000		*	×		
4	8000				×	
5	8000 10000				Х	
6	12000				×	

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

-Beginner-beginners would do fine without much instr. at 3500

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	X				
Other rivers in Massachusetts	X				
Other rivers in the northeast		X			
Other rivers in the country	×				

I'm sorry!

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

anon

or, \square it isn't important to provide a variety of flow levels for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	and participated of the state o	* NATIONAL PROPERTY.	· positioning.		3		1		**eonartii	,	1	
Suitable for intermediate boater	oli investi portine de la la companie de la compani	(Carrichian section of the Carried Control of		and controlling and controlling controllin	3				got season de la company de la	and the second s		
Suitable for advanced boater	TREED TO AND THE SERVICE.	energy control of the	OTTO CONTRACTOR OF THE PARTY OF	and the second s	NIA		1		anne and an annual state of the	On the second se		
Size & difficulty of features	- Anglos and	· constant	********************************	c .	3					A-manufacturing		£
Play boating			Philosophic of		3		3					
Rafting	24	di.	-Titley	1	4		4					
Tubing		962	1	/1	4		4		,	4		
Canoeing	2 4		- } -	-4-1	7 1		4		- ; ; -		, ,	
Kayaking	_14	ucon u	3		3				4		4	
Eddy hopping Technical •	i i	App.							ř			
maneuvering	COLUMNICATION	Amenderconsum	Constitution (Co.	n-erveldenwerk)	\$TONGS.	ļ	Tomer		e) and a second	Appropriate the second of the	Parameter access	
River gradient	Atrocks	Company	TENEGOCIONI	and the same of th	3		1			1	777	
Driving distance to river	-	en et canada monte a	ann pariotestandes	digina di materia programa di digina di materia di di di materia di materia di materia di materia di materia d	Same		e e e e e e e e e e e e e e e e e e e		No. of the last of			
Shuttles				TO AMPRICA					-			
Access to river		The state of the s			3						1	
Parking) Jacobs	Wileton 1	33	3 3 3 3 3		il		The state of the s		1	
Scenery		CONTRACTOR OF THE PARTY OF THE	Tancourt.	Sometime	3		3		,			
Water quality	cessorices	, constitution	- designation of	an contractor	1		1				1	
Overall	and the same	ą,	-		3		1			1		

11. Any other com	ments? It's a qu	oat seco	nd viver for	1st of two); great easily spend play, ferry.
teachin	1 river - at	8-10K	you can	early spend
a Rew M	rurs at thyst	rapid	t-coloning) play, teny,
Y VOVEY	gading, 841	5, Sw1	ivol	
	· ·		, , 🗸	

3.6.3 - Whitewater Boating Evaluation

Sties on 1st rapid viver leftyou could have a nive play park

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:, 2014	
Name: FORDAN YARUS	
•	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	

Please answer each of the following questions based on your experience or reaction to the river at each of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	(5)
Size/difficulty of features	1	2	3	4)	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	0	2	3	4	5
Crowding	1	(2)	3	4	5
Weather	1	(2)	3	4	5
Water temperature		2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3/	4	5
Thrilling experience	1	2	3	4	3
Safe trip	1	2	3	4	(5)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19 9AM	2500	(-2)	1	0	1	2
7/19 1rm	3500	-2	(-1)	0	1	2
	5000	-2	-1	0	(1')	2
1/20/10	8000	-2	-1	0 .	Ì	(2)

7/21 | 900 10 K

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

5000

• From your perspective, what is the **optimum flow** for this run?

8000

7. Rate the flows evaluated in terms of your craft and skill level - See assurer 4 45

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2						
3						
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3 .	4	5

or, \(\pi\) it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	*	X			
Other rivers in Massachusetts	X				
Other rivers in the northeast	X.				
Other rivers in the country	T X				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

4 = No experience boating the river

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut

, -	р		and the second	,						Section 200		
	_	The state of the s									The state of the s	
							e					7
	Westfield, N. Branch – all	Qua	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	正一		Millers, S. Royalston to	Otter Brook, _ Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	H	4		4		H	1	4		3	H	4
Suitable for intermediate boater					3		1			- Constitution of the Cons		
Suitable for advanced boater					3		2			3		
Size & difficulty of features				4	4		3334		•	<u>3</u>		
Play boating					3		3			3		
Rafting					70		4			-4		
Tubing Canoeing				da.	7		3			3		
Kayaking				5 2	1		7			4		
Eddy hopping					3		7			力		
Technical maneuvering	٠				3 3	,	1			2		
River gradient					3		1			2		
Driving distance to river		•			Ž		2			2		
Shuttles					1		2			2 2		
Access to river					1		2					
Parking					@2		2			2		
Scenery					1		, C.			de la companya della companya della companya de la companya della		
Water quality					1		1			Politica A		
Overall							1			-summer of		•

11. Any other comments? My main reason for coming back her would be for teaching. I probably wouldn't return to paddle it with people above an interrudiate level.

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	
Name: Evan Eichorn	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft .
OC2	Cataraft
°C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based on y of the flows boated. If you have no opinion about a partic these questions or your responses with other participants	cular item, leave it blank. Please do not discuss

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	(3)
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	(2)	3	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	(2)	3	4	5
Weather	(1)	2	3	4	5
Water temperature	1	2	3	4 .	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	4	5
Thrilling experience	1	2	(3)	4	5
Safe trip	1	2	(3)	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19-9	2500	-2	-1	0	1	2
7/19-1	3500	-2	-1	0	1	(2)
7/20-9	5000	-2	-1	0	1	(2)
7/20-1	.<5000	-2	-1	0	1	12)
7/21-9	12000				R	

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

3500

• From your perspective, what is the **optimum flow** for this run?

5000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500					
2	3500					
3	5000					
4	4000					
5	10000				1/	
6	13000				1/	

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	(3)

or, pit isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		\\\\	V		
Other rivers in Massachusetts			, , , , , , , , , , , , , , , , , , , ,		
Other rivers in the northeast			V		
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

Evan Eidorn

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- \cdot 3 = Less desirable than the Turners Falls bypass section of the Connecticut
 - 4 =No experience boating the river

												*
/	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	1	ĺ	2	0.50	4		3	- ferrand-seelightseele	S	3	and the state of t	- Prince and the
Suitable for intermediate boater	प्रविद्याद्वीतसम्बद्धाः स्टब्स् महत्वसम्बद्धाः	en e	2	elligation of the season of th	3	Water care is beinges maddelle		Wilder Contraction Contraction	- Hill Dockler on the collection of the section of	*660Eucoclicio		Andrew delicanos de servicio de la constante d
Suitable for advanced boater	trappanti etrejo	The second second	Access and the second	9. http://deserver	3		(Stanoversia)		oletechtimose desirate	1		
Size & difficulty of features	erig gardendekskeitet	egitzed visite turket		Alexandra September 2	3	NET CONTRACTOR		A CONTRACTOR CONTRACTO	ecustoric (Colorista	2	Webson, spice with the	
Play boating	ragesh q _a ya	WT 1.00E	d	13	2	Services.		1		1	27	27
Rafting	, especial (Tarkingge	Ť		ų	(insurance	ŭ	MACOUNT.		4	This could	1
Tubing	arciner-	Collegio	4		1		4	Special		1-1	MAKCON	Michigan
Canoeing	A publication	Sharks	1	777	2	4460an	1		College,	1	and the same	1
Kayaking	All company	ePhilipse:	H		4	The state of the s	4		Negative Comments	2	220mappy	
Eddy hopping	Washington and the second	r)jonege	The same of the sa		100000	1,000		4	C C	Q.	SERVICE STATE OF THE SERVICE S	j
Technical	Amapiniste	100	0.00	200	~	Name of the last	1		Spreading	•		No.
maneuvering			ı	i de la companya de l	2	iggereast (on the	Notional		80		
River gradient	- 50			4767944	2	GAZZAGO		- Alberta	and deposits of	· Section 1	T Supplement	i
Driving distance	200		7	100 May Day	3	996	1	September 1	- Company	1		SHORE
to river		Agrandidit:	0	The state of the s	9	20000000	d	Tanana.		3	alice in the second	
Shuttles		Septification	2	No. of the last	2	School			70	2		al desired
Access to river	Stellering	peausons	2	24-78036	2	Total and the second	2	1	Tale of the last o			
Parking		36	2		2	To an				2		
Scenery	- Charles	20 April 1900	2	10.00	1		1	Total Control	Vitariage		100	
Water quality		et c		1	g d	Water Company	1	discussion	1	1	1	
Overall	니			1	2	H	1	L	H		J	4

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	
Name: Ryan bal way	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OCI	Raft
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	•
Please answer each of the following questions based on your e of the flows boated. If you have no opinion about a particular these questions or your responses with other participants.	

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study?

(Circle one) 0 times 1-5 times 6-10 times 11-20 times >20 times

A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	(_5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	(3)	4	5
Accessibility	1	2	3-	4	5
Shuttle Availability	1	2	3	4	5
Crowding	(1)	2	3	4	5
Weather	4	2	3	4	5
Water temperature		2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	(3)	4	5
Safe trip	1	2	(3)	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19/14	2500	-2	(1)	0	1	2
7/19/14	3500	-2	-1	0	1	2
2/26/14	5000	-2	-1	0	1	(2)
72/11/4	10,000	-2	-1	0.	1	(2)

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

<u>3500</u>

• From your perspective, what is the **optimum flow** for this run?

10,000

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	Ψ.	4	4	4	petternyk	4	6	4	4	1	4	4
Suitable for intermediate boater	and planes on the control of the con	fi applytometricited	C CONTENTION OF CONTENTION	And the second s	. 2	g _{e/d} apoli ^{menta} d. Privileira jugo,	1	and the second transfer of the second	Mary construction of the same	7		Begrangs all distincts Artificiates
Suitable for advanced boater	1 Note of the Time that disputing it.	ANTERNATION AND ANTERNA		- Commenter of the second	3	*Children Abrilla (1996)		And the second control of the contro	Party (party) press	3		Attractive constraints of the state of the s
Size & difficulty of features	The property of the second	e Mildelegijanskepte eo			3	Company of the Williams on	1	XLP)PY43aaa Aug	An one differential in the	0		d
Play boating	_{per} pendicular	Perference			A Charge		3			/		
Rafting		No.			2	ŧ.	2)	a /		Ø		
Tubing		0	97000	Web comments	37 4	\mathbf{M}	3	V	and an analysis of	3	1/	
Canoeing		M			2	V	1		and the same of th	9	V	
Kayaking	NV.		O'TO COMPANY	11/	4		1		2	3		
Eddy hopping	W)		adicessor.	V	3					3		8
Technical • maneuvering					2				~	2		
River gradient			V		1		1			/		
Driving distance			V.		7		_			2		
to river	-						2					
Shuttles					ð.		Ž			2		
Access to river					1		1			1		
Parking					<u>д</u>		9			9		
Scenery					þ		1			9-		
Water quality					1		1,,			/		
Overall					9		_'/			0		

11. Any other comments?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500					
2	7500 3500 3000				,	
3	5000					
4	8000					
5	10000			,		
6	13006					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	-	//			
Other rivers in Massachusetts					
Other rivers in the northeast					
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/21/2014, 2014	
Name: Rathick Joyce	· · · · · · · · · · · · · · · · · · ·
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based of the flows boated. If you have no opinion about a pathese questions or your responses with other participants.	rticular item, leave it blank. Please do not discuss
3. How many times have you boated the Turners Falls	s bypass of the Connecticut River before this study?

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

11-20 times

>20 times

6-10 times

1-5 times

(Circle one)

0 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	(5)
Size/difficulty of features	1	2	3	4	(5)
Driving distance to river	1	(3)	3	4	5
Accessibility	1	(2)	3	4	5
Shuttle Availability		2	3	4	5
Crowding	1	(2')	3	4	5
Weather	(1)	2	3	4	5
Water temperature	B	. 2	3	. 4	5
Attractive scenery	1	$\binom{2}{2}$	3	4	5
Water quality	(17)	2	3	4	5
Thrilling experience	1	2	3	4	53
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/21	10,000	-2	-1	0	1	2)
7/21	13,000	-2	-1	0	1	(2)
·		-2	-1	0	1	2
•		-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

0,000

• From your perspective, what is the **optimum flow** for this run?

13,000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2						
3						
4						4
5	10,000					V ,
6	13,000					

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	(5)
provide opportunities for people with different skill levels and watercraft;		2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					V
Other rivers in Massachusetts			1		V
Other rivers in the northeast				V	
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston		Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater				3	2	A		n	2	6		
Suitable for intermediate boater				(س	5		<u></u>	5	2	5		1
Suitable for advanced boater				3	21			3	\ \	9	geografikasidasilisi	
Size & difficulty		200		1.3	9 1			\mathcal{1}{\bar{1}{2}}	1	2		1
of features Play boating	P-Paris	BATILA: 001/42		3	3			3	$\overline{\Lambda}$			
Rafting				13	4 1		i i	3	1	36		
Tubing	1			3	Day.	12	-	3	1	8	N	1.
Canoeing			J	3	21	7 1	N	3	N	4		1V
Kayaking	- Parties		Opposite	΄>	7		71	7	~	2		
Eddy hopping	Carlot Miles	A STATE OF THE STA	- ONLINE	3	1	and the same	Periodical	17	V	0	46.00	
Technical maneuvering				3				9	··w	9		
River gradient				3	2			h	2	- P-		
Driving distance			i							<u> </u>		
to river	-			3	2			3	`	·0		
Shuttles			11	3	5			2	3	2		
Access to river	Ĭ		1//	3	9			7	2	7		
Parking	- F	\		ري ا	· D			3	<u>}</u>	0		V
Scenery		0			8	V	V	17	2	9	V	
Water quality				3				1	1	1		
Overall				2	1			3	→			

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 19-20, 2014 Name: John Mudano	
Name: Noun Modago	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle	one):
Beginner	Advanced
Novice	Expert
Intermediate	•
	based on your experience or reaction to the river at each out a particular item, leave it blank. Please do not discuss articipants.
3. How many times have you boated the Turne (Circle one)	ers Falls bypass of the Connecticut River before this study?

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

11-20 times

>20 times

6-10 times

0 times

1-5 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	(5)
Driving distance to river	1	2	(3)	4	5
Accessibility		2	(3)	4	5
Shuttle Availability		2	3	4	5
Crowding	1	2	3	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	$\binom{2}{2}$	3	4	5
Water quality	1	(2)	3	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1 /	2	(3)	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19	2560	-2	-1	(9)	1	2
7/19	3500	-2	-1	(0)	1	2
71/20	5000	-2	-1	Ŏ	0	2
1/20	SUU S	-2 •	-1	0	1	(2)

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

5000

• From your perspective, what is the **optimum flow** for this run?

8000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500			J,		
2	3500					
3	5000					,
4	8691)					
5						***************************************
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1 .	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		/			
Other rivers in Massachusetts		V /	V		
Other rivers in the northeast		1/			
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

·	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to	Westfield, N. Branch, all
Suitable for novice boater	4	4	-	4	2	4		4	2	1	4	2
Suitable for intermediate boater	٤	1	j		7							
Suitable for advanced boater							-					
Size & difficulty of features				,				٤				
Play boating												
Rafting												
Tubing												
Canoeing												
Kayaking												
Eddy hopping				,								
Technical maneuvering												
River gradient												
Driving distance												
to river												
Shuttles				*								
Access to river												
Parking												
Scenery												
Water quality												
Overall												

11. Any other comments?	Ja	guys did	a	great jos.	Manu J
11. Any other comments?	me	May min.	A	model for	a study

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date:	
Date: 7/20, 2014 Name: Steve Bridges	
1 W	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1 .	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
-	The state of the s
Novice	Expert
Intermediate	•
Please answer each of the following questions based on you	er experience or reaction to the river at each
of the flows boated. If you have no opinion about a particular	
these questions or your responses with other participants.	

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

4. A number of factors can affect one's satisfaction with a whitewater trip. How important are each of these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	(3)	4	5
Size/difficulty of features	1	2	(3)	4	5
Driving distance to river	1	2	(3)	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability		2	3	4	5
Crowding	1	22	3	4	5
Weather	1	(2)	3	4	5
Water temperature		2	. 3	4	5 .
Attractive scenery	1	$\overline{2}$	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	(4)	5
Safe trip	1	2	3	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/20 9	5000	-2	-1	0	(1)	2
7/20 1	8000	-2	-1	0	1	(2)
		-2	-1	0	1	2
		• -2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

5000

• From your perspective, what is the **optimum flow** for this run?

9000-10,000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2					·	
3	5000					*
4	8000					Carpetin Control
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	(3)	4	5
provide opportunities for people with different skill levels and watercraft;	. 1	2	(3)	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					
Other rivers in Massachusetts			1,50	V	
Other rivers in the northeast					
Other rivers in the country		V			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	2	4	4	4	1	4	3	4	2	4	4	2
Suitable for intermediate boater	2	4	4	4	3	4	2	4	2	4	4	2
Suitable for advanced boater	2	4	4	4	3	4	2	4	2	4	4	2
Size & difficulty of features	3	4	4	4	3	4	3	4	2	4	4.	3
Play boating	235273	4	4	4	3 2 3 2 2	4	2	4	3	4	4	2
Rafting	3	4	Lg	4	2	U	3	4	2.	4	4	
Tubing	P	4	4	4	3		NA NA	U		4	4	3 3 3 4 4
Canoeing	2	4	4	4	gallan,	4	Za	4		4	G.	a.
Kayaking	2	4	4	help		4	Section .	4	Quer.		4	Z
Eddy hopping	3	4	Ü	Life	3	4	3	Co-	3	4	4	3
Technical maneuvering	3	4	4	4	3	4	3	4	3	4	4	3
River gradient	2	4	4	4	2	4	2_	4	2	4	4	Allen.
Driving distance to river	1	4	4	Lay	Appendix of the second	4	1	4	1	4	4	1
Shuttles	1	4	4	24	1	4	1	4	Į	lef	4	1
Access to river		4	4	lap	2	4	NO.	4		U	<u></u> G	1
Parking	Ì	4	4	4		4		Lje.	1	4	4	j
Scenery	3	4	4	4	3	4	3	4	3	4	4	3
Water quality	3	4	4	Ī	3	4	3	4	3	4	\$	3
Overall	2	4	4-	4	3	4	1	4	Ì	4	4	2

11. Any other comments?

Thank You!

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: Vuly 17, 2014 Name: Tulic Khurana	·
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OCI run 1	Raft
OC2	Cataraft
C1 .	Other (describe): Shredda run
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based on you of the flows boated. If you have no opinion about a partic these questions or your responses with other participants.	cular item, leave it blank. Please do not discuss
3. How many times have you boated the Turners Falls by (Circle one)	ypass of the Connecticut River before this study?
0 times 1-5 times 6-10 times 1	11-20 times >20 times
4. A number of factors can affect one's satisfaction with	h a whitewater trip. How important are each of

these factors to you? (Circle one number for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	_1_	2	(3)	4	5
Shuttle Availability		2	3	4	5
Crowding	1	2	(3')	4	5
Weather	1	2	(37)	4	5
Water temperature	1	2 .	3	4 .	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	Z3)	4	5
Thrilling experience	1	2	3	4	_5_
Safe trip	1	2	3	4	(5)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable	
7/19	2501	-2	-1	0	(1)	2	
1/19	2300	-2	-1	0	(1)	2	
V . F		-2	-1	0	7	2	
	•	-2	-1	0	1	2	

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

2500

• From your perspective, what is the **optimum flow** for this run?

3500

	FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
001-	1	7500				X	
OCI-	2	7300				X	
Thread	3	· ·					
	4						
	5						
	6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	X	1			
Other rivers in Massachusetts		X			
Other rivers in the northeast	X				
Other rivers in the country	i X				

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield N. Branch, all
Suitable for novice boater	4	Н.	H	4		H	The second secon	4	4	Co	7	
Suitable for		-		١			······································		1	۳	-U	
intermediate		1	\	1	1		1	\	g arrive	1	1	
boater			and the same of				ı			1	1	
Suitable for	ĺ	43.6		1	1	j	,			a		
advanced boater					1		1			3	3	
Size & difficulty					1 '		ľ				1	
of features					1	***************************************			\ ,	I	1	
Play boating	1				1		ı			7	1	
Rafting			and the second		1		3			4	3	
Tubing	and the second		and the same of th		1	j		-	\	3	3	
Canoeing					1		and the same of th			Y		
Kayaking			-		ĺ	-	1	200	-	1	1	
Eddy hopping					and the last		1	Methors		Ì		
Technical			\		-west		1			1	•	
maneuvering					y	Acres de la constante de la co	1			1	,	İ
River gradient										1	1	
Driving distance					0	A POPULATION OF THE POPULATION	α				1	
to river					3		3) [
Shuttles					2		300			200	2	
Access to river	\				1		3			2	2	
Parking					2		3			3	2	
Scenery					32		3		***************************************		N	
Water quality				1	1		1		April 1	3	4	
Overall	1						i		de la constante de la constant		1	

3.6.3 - Whitewater Boating Evaluation	a great play place but 4 access just there is hard
because sign. - Lectures for WW.	Rockdon - better at 3000 & could be
	Too much flot + foo lew May & small
St Liked 3500	Getter, Better & Gring novice for instruction
11. Any other comments?	a de la prima de la constante
i v	
verall	
ater quality	
chery	

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 16/14, 2014 Name: 16 M Christopher	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	· ·
Please answer each of the following questions based on of the flows boated. If you have no opinion about a partithese questions or your responses with other participants.	icular item, leave it blank. Please do not discuss

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	(3)	4	5
Driving distance to river	1	2	(3)	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	3	4	(5)
Weather	1	(2)	3	4	5
Water temperature		2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3	(4)	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	(5)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19	3,500	-2	-1	0	1	(2)
7/101	5,000	-2	-1	0	1	(2)
7/20	8,000	-2	-1	0	1	(2)
7/21	10,000	-2	-1	0	1	2)

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

3,570

• From your perspective, what is the **optimum flow** for this run?

5 000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1					2/	
2						A distribution of the second
3						2600
4						
5				-		1
6						E. P.

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1 .	2 .	3	4	(5)

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					
Other rivers in Massachusetts					
Other rivers in the northeast			4		
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

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- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	1		2	2	2	Q-	2	2	5			2
Suitable for intermediate boater	2		3.	3	Ź.	0		3	3	3	Э	2
Suitable for advanced boater	8	3	2,	3		18	. 3	3	79	3	3	2
Size & difficulty of features	3	3	3	3	3	D	.3		3	3 3 3	.23	
Play boating	3	3	3	3	3	0	3	Z	3	3	3	3
Rafting	12	3	Z	3	2	爲	3	3	2	3	3	76
Tubing	3	**	3	3		3	***	3		3	3	
Canoeing	3	3	3	3	2	G	3	3	3	3	3	3
Kayaking	93	3	3	2	Z ₃	0	3/	13	9	-	3	2
Eddy hopping	2	balley.	3	3	٥	6	2	3	3	Allegge		AND
Technical maneuvering	3		3	3		0-		3	3		Marie Contraction of the Contrac	, and determine
River gradient	- Control	2	1	V	1	Q	3	3	-3	ation		1000
Driving distance to river	2	٥		0	2	<i>ر</i> ې ،	3	0	2	T.		9
Shuttles		2	ed.	(2)	202		900) 600)	-2	2	Service Manual	0	2
Access to river	1		2	2	2	4	2	3	e)	9	2	۵
Parking	2,	3	1600) 1600)	3		49	8	100	. 3	1	3	
Scenery	3	•	2	S	2		Sing.	9	ð	10000 10000	2	% /2.
Water quality	2	2	2	3	Ç	100	STATE OF THE PARTY		9	500	3	642
Overall	3	2	3	3	S	45	3	3	a	2	2	2

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: July 21, 2014, 2014	÷ .
Date: July 21, 2014, 2014 Name: Charles Murray	
ľ	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
(OC)	Raft
OC2	Cataraft
C1	Other (describe):
2. Your whitewater boating skill level (Circle on	e):
Beginner	Advanced
Novice	Expert
Intermediate	•
	ed on your experience or reaction to the river at each a particular item, leave it blank. Please do not discuss- cipants.
3 How many times have you bested the Turners	Falls bypass of the Connections Diver before this study

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	(5)
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	(3)	4	5
Accessibility	1	2	3	(4)	5
Shuttle Availability	1	2	3	4	5
Crowding	1	(2)	3	4	5
Weather	$(1\cdot)$	2	3	4	5
Water temperature	1	2	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3_	(4)	5
Thrilling experience	1	2	(3)	4	5
Safe trip	1	2	3	4	(3)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19	2500	-2	(-1)	0	1	2
7/19	3500	-2	-1	(O)	1	2
7/20	5000	-2	-1	0	(D)	2
7/20	8000	-2	-1	0 .	(1)	2
1/21	10 K				<u> </u>	

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

3500

• From your perspective, what is the **optimum flow** for this run?

5000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1						
2 ,						
3						
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, \square it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		X			
Other rivers in Massachusetts	i ja james	7			
Other rivers in the northeast	= 1 1	+			
Other rivers in the country	2 ""	11			

The river reminds me of the Sacandaga in NY (the section 10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

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- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley	to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	3	3	7	4	1	4	-	. 3	11	3	3	1	
Suitable for intermediate boater	garante	47 103101	And the form the formation of the projection of		. 3				1	2		1	
Suitable for advanced boater	, American	***************************************	10,400,000,000,000		3	old would be producted		Train.	2	2	2	. 1	
Size & difficulty of features	* 1	ſ			2	and the state of t		1	2	`2		tm-	٠
Play boating	1	ĺ	Stopesholds		2		T	1	2	2	1	1	
Rafting	· 4	4	- Caracagnia		4		T	4	H	Ч	니	4	
Tubing	4	4	voicere		4	Marian	\top	4	Ц	Ц	4	4	
Canoeing		1	-Please		2	Mostania		1	- 1	2	1	1	
Kayaking	L-g	4			4			4	4	4	4	4	
Eddy hopping		1	20/mm/rqs		シ	- Annual Control	\perp	j	1	7	1	1	
Technical • maneuvering	**************************************	1	Made Contract (Manager Street	,	2	Per Defende de Company de La c		1	2	2	- (1	
River gradient	Андочи	-	тами		2	- Control		1	all a	2	1	1	
Driving distance to river	-	3	CHARCECULANGEERINGER		2	ON CONTRACT CONTRACTOR		1	2	3	3	3	
Shuttles	1_	2	VCSikitomes		2	P) CONTRACTOR		2	2	2	2	2	
Access to river	Z	2	Single-		2	and the second		2	2.	2	2	2	
Parking	2.	2			v			2,	3	2	2	3	
Scenery	editors.				ı	ggypadelic		1	1	7	1	1	
Water quality	2	2.			2	generalis		2		2	γ	A	
Overall	1	OSSACO	Š	ול	2	87		T	1	2	1	1	

I enjoyed the Turners full by pass and would 11. Any other comments?

paddle it once or twice a year, especially it at was the only river paddle it once or twice a year, especially it at was the only river paddle it was the only river like the other, park barrel west, water. I prefer smaller rivers like the other, park barrel west, afficient of these rivers tend to need lower flows to paddle and have many features and are close to my home.

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/20 , 2014 Name: 2014	
Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based on yof the flows boated. If you have no opinion about a partithese questions or your responses with other participants	cular item, leave it blank. Please do not discuss

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	3 /	4	5
Shuttle Availability		2	3	4	5
Crowding	1	2	(3)	4	5
Weather	1	(2)	3	4	5
Water temperature	1	2	(3)	4	5 .
Attractive scenery	1	2	3	4	5
Water quality	1	2	(3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	(4)	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19 AM	2500	-2	\bigcirc 1)	0	1	2
7/19 PM	3500	-2	-1	0	1.	2
7/20 Am	500	-2	-1	0	Ą	2
7/2084	4060	-2	-1	0	1	(2)

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

2500.

• From your perspective, what is the **optimum flow** for this run?

7000-10000

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500 3500			~		
2	3500				<u> </u>	
3	5000 9000					~
4	8000					V
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	,1	2	3	4	5

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		V			
Other rivers in Massachusetts		/			
Other rivers in the northeast	1/				
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all	sections
Suitable for novice boater	1	3	1	-	Total Control of the	3	3	Approximate	Converzent	4	**************************************	steditrica.	
Suitable for intermediate boater	Ŋ		2	3	2	-	and the same	2		4	2		
Suitable for advanced boater	3	2	3	3	જ)	2	2	3	2		3		
Size & difficulty of features	3	2	2	(s.	3)	S	2	·3	2		3	-]
Play boating	3	2	2	3	2	(3)	2	3	2		3		٦
Rafting	1	1		300	(2	3	3	- 1		2		7
Tubing	1	Ć.	2	3	j	\Z	3	2	2		2	1	
Canoeing	1	- (1)	**************************************	ą.	1		1		
Kayaking	2	2	γ	3	ν			2	2		3		
Eddy hopping	(1		3	1	1	İ				-		
Technical maneuvering	,	1	,	2			***************************************	,	(/	4	eli-eli-eli-eli-eli-eli-eli-eli-eli-eli-	ŀ
River gradient	2	-	2	3	セ	1	,	1	2	-H	2		\forall
Driving distance								1					1
to river	3	3	3	3	1	1	3	2	3		3	\	
Shuttles	3	3	2	3	2	2	2	2	3	18	2	1	1
Access to river	2			3)	1	1	1	2	$I \subseteq I$	3 2 2 3 3 2	1	
Parking	3	2	ス	3	1	3	3	Ė	3		3	2000	
Scenery	1	2	1)	and the same of th	T					उ		
Water quality		2	Ĺ		1	1	1	1	2	W	2		
Overall	ン				ļe l	2		2_	2		2	Management	

11. Any other comments?

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/2/	_, 2014
Date: 7/2/ Name: 1 <an glusman<="" th=""><th>·</th></an>	·
1. Watercraft used (Circle appropriate	one):
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
C1 .	Other (describe):
2. Your whitewater boating skill level	(Circle one):
Beginner	Advanced
Novice	Expert
Intermediate	•
	estions based on your experience or reaction to the river at each tion about a particular item, leave it blank. Please do not discuss other participants.
3. How many times have you boated the (Circle one)	ne Turners Falls bypass of the Connecticut River before this study?
0 times 1-5 times	6-10 times 11-20 times >20 times
4. A number of factors can affect one these factors to you? (Circle one nu	's satisfaction with a whitewater trip. How important are each of imber for each factor)

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	(3)	4	5
Size/difficulty of features	1	2	(3)	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	$\widetilde{(3)}$	4	5
Crowding	1	2	73/	4	5
Weather	1	2	3	4	5
Water temperature	1	2	3	4	٠ 5
Attractive scenery	1	2	3	4	5
Water quality	1	2	<i>(</i> 3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3)	4	5

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
2300	2500	-2	-1	0	1	2
	5000	-2	-1	0	1	2
	8000	-2	-1	0	(L)	2
	10000	-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

From a recreational perspective what is the minimum acceptable flow for this run?
 Note that minimum acceptable differs from minimum flow necessary to navigate.

2,500CFS

• From your perspective, what is the **optimum flow** for this run?

8000 cf 5

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500			V		
2	C-37 (00					_
3	\$205000				V	
4	8000				1	
5	10000					
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	(4)	5
provide opportunities for people with different skill levels and watercraft;	1	2	(3)	4	5

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive					
Other rivers in Massachusetts					
Other rivers in the northeast					
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River. Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

•	Westfield, N. Branch – all	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater	3	3	4	4	2	3	3	4	3	3	3	
Suitable for intermediate boater	/	/		**************************************	1	1	1	** ***********************************	/	1	/	
Suitable for advanced boater	1	1		and the second s	1	1	/	, page transmitter and the finance	1	1	1	
Size & difficulty of features	1	1	,	age construction of the co	1	1	/		7	1		
Play boating	/	/	Manager Co.	Account	2	2	1	2	1	2)	
Rafting	3	3	a managament of the state of th		Z	27	3		1	3	3	
Tubing	7,	3	- Anni America	distribution in	l-	3	3	Manager Land	1	2	3	
Canoeing	1	1	et-countries?		1	1	1	Profession as	1	2	í	
Kayaking	/	1	Carrie Constant		1	1	/	tribuetti.	1	2	1	
Eddy hopping	1	1	TO COMPANY		_/)	1	herichnap;	1	1	1	
Technical maneuvering	/	/		elegis dinibre escapionality	/	,	1	And the State of t	1	',	/	
River gradient	1	1		Name of the last o	1	1	1	e80777050	/	2	1	
Driving distance to river	2	3	Anniel Printers (Printers	ancover ribbib sustinities	3	3	3	Annual Control of State of Sta	2	3	V	
Shuttles	2	3	and the same of th	Approximation of the contract	2	2	2	d separate	2	2	N	
Access to river	1	ν		and the same of th	2	2	2	-	2	v	ン	
Parking	2	2		- Appropriate to the second se	2	レ	2		2	2	1	
Scenery	1	1		Jane Park	1]	1		1		V	
Water quality	2	1			/	/	1		2	ン	N,	
Overall	/	1	V	V	1	1	1	*	1	1	V	

11. Any other com	ments?			
There	so too	little wi	hitewater or	e this run
tor at	to be wr	with the	drive for	100 mm
72	Lend a	Mecan	able alte	molive.

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: $\frac{7/19/20/4}{}$, 2014	
Name: MIUE Ducios	
1. Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
(OCI)	Raft
OC2	Cataraft
C1 .	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based on your factors for the flavor hand of the flavor hand o	

Please answer each of the following questions based on your experience or reaction to the river at each of the flows boated. If you have no opinion about a particular item, leave it blank. Please do not discuss these questions or your responses with other participants.

3. How many times have you boated the Turners Falls bypass of the Connecticut River before this study? (Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

	Not at all Important	Slightly Important	Moderately Important	Very Important	Extremely Important
Availability of features	1	2	3	4	5
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	3	(4)	5
Shuttle Availability	1	2	3	4	5
Crowding	1	2	3	(4)	5
Weather	1	2	3	(4)	5
Water temperature	1	2	3	4	. 5
Attractive scenery	1	2	3	4	5
Water quality	1	(2)	3	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	(5)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/19 AM	2500	-2	-1	0	(1)	2
3/19 PM	3500	-2	-1	0	1	(2)
		-2	-1	0	1	2
	•	-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

2500

• From your perspective, what is the **optimum flow** for this run?

3500

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	2500			**************************************	X	
2	3500					X
3					•	
4						
5						
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5

or, □ it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive		X			
Other rivers in Massachusetts		/ -	X		
Other rivers in the northeast	·	X			
Other rivers in the country		X			

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	V										Mary of the second seco	V
	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all
Suitable for novice boater	4	4	1	4	1	4	1	4	3	3	1	
Suitable for intermediate boater	,	And the second second second	,,,	Water Addressment SHIPPER Library	2	and consider the	1	**************************************		l		
Suitable for advanced boater			3		3		1	OF FERRITATION OF THE OWNER, OR THE OWNER, O	3	3	(M)	
Size & difficulty of features		Terrespondentier internation	2	*Vertexas (a reconstruence)	1	4	1	- Control of the Cont	Amazone	1.	Annual Property and American	
Play boating		9	223		1 2 2		1	di interesso.		1		
Rafting Tubing		-	2		2		3	Age age	J	3	3	
Canoeing			7		+		7	MACCI, LINES	7	3	->	
Kayaking			4		1 2 0		1		ì	7	1	
Eddy hopping			1		ā				7	1	i	
Technical maneuvering			2		1	Property and the second	i	A CONTRACTOR OF THE PARTY OF TH		Distance of the last of the la	- salajii	
River gradient			1	and the state of t	1				A	1	j	
Driving distance to river	974		1		3	Annie Denterment Printer	3	A STATE OF THE PARTY OF THE PAR	4	1	1	-
Shuttles		Van de la constante de la cons	.2		2	Julyana	2		3	2	2	
Access to river			2		2 2 2 2		2220		1	272	2703	
Parking		1 1	2	/	2	and the second	3		/	1	8	
Scenery	γ	+/-	2	-1/-1		4/	K	-1,1	30	2	2	
Water quality	+/-	$-\!\!\!\!/-\!\!\!\!\! $	2222	- V					8	4		
Overall	<i>V</i>	V	"L		4			1		-		

11. Any other comments? In Cara Tope / Comments BOATTING ROCK DAM	
11. Any other comments? MUATER/SOMMER BOATTING, ROCK DAM VALUE IN WARM CHATER/SOMMER BOATTING, ROCK DAM FEATURE OF INTEREST TO ADVANCED BOATERS, FEATURE OF INTEREST TO ADVANCED BOATERS, FEATURE TASSIBLE -	15
FEATURE OF INTEREST TO ASUMMENT FOR MULLE FURTHER FOR MADUSCE SUSTRUCTION POSSIBLE - NOT SO MULL INTEREST FOR MILLIAN POSSIBLE - LIKE VERY TECHNICAL RIVERS, SO NOT SO MULL INTEREST FOR MILLIAN POSSIBLE - NOT SO MULL INTEREST FOR MILLIAN POSSI	
I LIKE VEKE TECHNICAL KINENY	

COMPARATIVE FLOW EVALUATION FORM

Turners Falls Hydroelectric Project FERC No. 1889

Whitewater Controlled Flow Study

Date: 7/21, 2014 Name: 7/21	
Name: / ¬+ / er / li, ¬ s	
Watercraft used (Circle appropriate one):	
Hard shell kayak	Stand up paddle board
Inflatable kayak	C2
OC1	Raft
OC2	Cataraft
. C1	Other (describe):
2. Your whitewater boating skill level (Circle one):	
Beginner	Advanced
Novice	Expert
Intermediate	
Please answer each of the following questions based of the flows boated. If you have no opinion about a pathese questions or your responses with other participations.	rticular item, leave it blank. Please do not discuss
3. How many times have you boated the Turners Fall	s bypass of the Connecticut River before this study?

(Circle one)

0 times 1-5 times 6-10 times 11-20 times >20 times

	Not at all Important	Slightly Important	Moderately Important Very Important		Extremely Important
Availability of features	. 1	2	3	4	(5)
Size/difficulty of features	1	2	3	4	5
Driving distance to river	1	2	3	4	5
Accessibility	1	2	(3)	4	5
Shuttle Availability	1	2	3	4	5
Crowding	1	(2)	3	4	5
Weather	(1)	2	3	4	5
Water temperature	1	2 .	3	4	5
Attractive scenery	1	2	3	4	5
Water quality	1	2	3)	4	5
Thrilling experience	1	2	3	4	5
Safe trip	1	2	3	4	(5)

Release Date/Time	Flow (CFS)	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
7/11	10,000	-2	-1	(0)	1	2
7/21	13,000	-2	-1	(0)	1	2
		-2	-1	0	1	2
		-2	-1	0	1	2

6. Based on your boating runs on this section of the Connecticut River as part of this study, specify the flows that provide the following types of experiences. (Note: you can specify flows that you did not run/observe, but which you think would provide the type of experience in question).

Flow (cfs)

• From a recreational perspective what is the **minimum acceptable flow** for this run? Note that minimum acceptable differs from minimum flow necessary to navigate.

No idea

• From your perspective, what is the **optimum flow** for this run?

No idea

7. Rate the flows evaluated in terms of your craft and skill level why the Same as #S!?

FLOW	CFS	Totally Unacceptable	Unacceptable	Neutral	Acceptable	Totally Acceptable
1	10,000					
2	13,000					
3					***************************************	
4						
5					4,	
6						

8. How important is it to have a variety of flows in the Turners Falls bypass section of the Connecticut River? Rate the importance of having variable flows for the reasons below, or check the box below the table.

A variety of flows is necessary to:	Not at all important	Slightly important	Moderately important	Very important	Extremely important
provide different types of boating experiences;	1	2	3	4	5
provide opportunities for people with different skill levels and watercraft;	1	2	3	4	5 ,

or, \Box it isn't important to provide a variety of flow levels for boating.

9. Compared to other rivers of similar difficulty, how would you rate the boating opportunities on the Turners Falls bypass section of the Connecticut River? (Circle appropriate response for each region. If you are unsure about a comparison, leave that item blank.)

Compared to:	Worse than average	Average	Better than average	Excellent	Among the very best
Other rivers within a 1 hour drive	V/			·	
Other rivers in Massachusetts					
Other rivers in the northeast					
Other rivers in the country					

10. Based on your experience at other regional rivers, use the following scoring system to compare the boating opportunities at these regional rivers to those of the Turners Falls bypass section of the Connecticut River.¹ Assume optimal flow conditions for boating.

¹ Other rivers (and specific river sections) will be identified in consultation with whitewater boating stakeholders prior to the evaluation. Whitewater classifications of rivers and sections will be added to this table once sections are identified

- 1 = More desirable than Turners Falls bypass section of the Connecticut
- 2 = Similar to the Turners Falls bypass section of the Connecticut
- 3 = Less desirable than the Turners Falls bypass section of the Connecticut
- 4 =No experience boating the river

	Westfield, N. Branch – all sections	Quabog, Warren to Brimfield	Ashuelot, Gilsum to Shaw's Corner	Deerfield. E. Branch, Somerset to Searsburg	Deerfield, Fife Brook	Chickley, Hawley to Charlemont	Farmington, Otis to New Boston	Green, VT. To MA.	Millers, S. Royalston to Athol	Otter Brook, Roxbury to Keene	Souhegan, Greenville to Wilton	Westfield, N. Branch, all sections
Suitable for novice boater			ļ)				7		-	
Suitable for intermediate boater			1						(e.	(
Suitable for advanced boater			1		Accompliance				1		1	
Size & difficulty of features			Metonija	·	probability				,		1	
Play boating			1		Allegene				1		1	
Rafting			Titogram.		PRODUCE				1		1	
Tubing			X						X		X	
Canoeing			_/_		1						1	
Kayaking			f		ì				1		1	
Eddy hopping			1		1				- (1	
Technical maneuvering			18000-		· Omer				1		/	
River gradient			1		- Carrons				/		,	
Driving distance to river			1		And the second s	•			1		1	
Shuttles			1		- (7		1	
Access to river			7		7				1		1	
Parking			,						,			
Scenery			1		*				,		1	
Water quality			1		1				1		1	
Overall					1				/		1	

11. Any other comments?