

**CALFED**

**TECHNICAL REPORT  
ENVIRONMENTAL CONSEQUENCES**

**SUPPLEMENT TO RECREATION RESOURCES**

**DRAFT**

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**SUPPLEMENT TO RECREATION RESOURCES**

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Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
5	Common programs	+	+	+	+	+	+	+	+	+	+	+	+
3	Additional habitat restoration							+	+			+	
2	Increased QWEST				+	+	+	+	+	+	+	+	+
1	Habitat loss				-	-	-						
1	Reduced Sacramento River flow				-	-	-	-	-	-	-	-	-
1	Adult migration delay				-	-	-						
3	Natural flow direction				-	-	-	-	+	+	+	+	+
3	Increased productivity								+	+	+	+	+
3	Change in entrainment								+	+	+	+	+
	Weighted effect <sup>b</sup>	5(M)	5(M)	5(M)	1(S)	1(S)	4(M)	6(M)	15(L)	15(L)	15(L)	18(L)	15(L)

NOTES:

L = Large.  
M = Moderate.  
S = Small.

<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.  
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.

Table S-1. Potential Changes in Anadromous Fish Abundance by Alternative

Weighting Factor <sup>a</sup>	Species Type	Delta Region	Bay Region	Sacramento River Region	San Joaquin River Region	SWP and CVP Service Areas Outside the Central Valley
3	Waterfowl	++++	++	+	+	+
1.5	Upland game birds	-	+	++	+	+
1	Riparian birds	+	+	+++	+	+
Overall effect <sup>b</sup>		11.5(L)	8.5(M)	9(M)	5.5(S)	5.5(S)
NOTES:						
L = Large.						
M = Moderate.						
S = Small.						
<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.						
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.						

Table S-2. Potential Changes in Bird Abundance by Region

Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
1	Construction impacts	--	--	--	--	--	--	--	--	--	--	--	--
3	River flows	+	++	++	++	++	+++	+++	++	++	++	++	++
3	Reservoir storage/capacity												
1	Water quality/clarity	+	+	+	+	+	+	+	+	+	+	+	+
	Weighted effect <sup>b</sup>	2 (S)	5 (M)	5 (M)	5 (M)	5 (M)	8 (L)	8 (L)	4 (M)	5 (M)	5 (M)	5 (M)	5 (M)

NOTES:

L = Large.  
M = Moderate.  
S = Small.

<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.  
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.

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Table S-3a. Potential Changes in Hydrology-Related Opportunities for Recreation by Alternative (River Activities Other Than Sport Fishing: Delta Region)

Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
1	Construction impacts			--		--		--		--	--	--	--
3	River flows			--		--		--		--	--	--	--
3	Reservoir storage/capacity			--		--		--		--	--	--	--
1	Water quality/clarity	+	+	+	+	+	+	+	+	+	+	+	+
	Weighted effect <sup>b</sup>	1(S)	1(S)	-6(M)	1(S)	-6(M)	1(S)	-6(M)	1(S)	-6(M)	-6(M)	-6(M)	-6(M)

NOTES:

L = Large.  
M = Moderate.  
S = Small.

<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.  
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.

Table S-3b. Potential Changes in Hydrology-Related Opportunities for Recreation by Alternative (River Activities Other Than Sport Fishing: Sacramento River Region)

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Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
1	Construction impacts												
3	River flows												
3	Reservoir storage/capacity	-	N	N	+	+	+	+	+	+	+	+	+
1	Water quality/clarity	+	+	+	+	+	+	+	+	+	+	+	+
	Weighted effect <sup>b</sup>	-2(S)	1(S)	1(S)	4(M)								

NOTES:

L = Large.  
M = Moderate.  
S = Small.

<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.  
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.

Table S-3c. Potential Changes in Hydrology-Related Opportunities for Recreation by Alternative (River Activities Other Than Sport Fishing: San Joaquin River Region)

Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
1	Construction impacts	--	--	--	--	--	--	--	--	--	--	--	--
3	River flows		+	+	+	+	+	+	+	+	+	+	+
3	Reservoir storage/capacity	+	+	+	+	+	+	+	+	+	+	+	+
1	Water quality/clarity	+	+	+	+	+	+	+	+	+	+	+	+
	Weighted effect <sup>b</sup>	3(S)	6(M)										

NOTES:

L = Large.  
M = Moderate.  
S = Small.

<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.  
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.

Table S-3d. Potential Changes in Hydrology-Related Opportunities for Recreation by Alternative (Reservoir Activities: Delta Region)

Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
1	Construction impacts			--		--		--		--	--	--	--
3	River flows												
3	Reservoir storage/capacity	++	++	+++	++	+++	++	+++	++	+++	+++	+++	+++
1	Water quality/clarity	+	+	+	+	+	+	+	+	+	+	+	+
	Weighted effect <sup>b</sup>	7(M)	7(M)	9 (L)	7 (M)	9(L)	7 (M)	9(L)	7 (M)	9(L)	9(L)	9(L)	9(L)
NOTES:													
L = Large.													
M = Moderate.													
S = Small.													
<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.													
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.													

Table S-3e. Potential Changes in Hydrology-Related Opportunities for Recreation by Alternative (Reservoir Activities: Sacramento River Region)

Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
1	Construction impacts	--	--	--		--		--		--	--	--	--
3	River flows												
3	Reservoir storage/capacity	++	++	+++	++	+++	++	+++	++	+++	+++	+++	+++
1	Water quality/clarity	+	+	+	+	+	+	+	+	+	+	+	+
	Weighted effect <sup>b</sup>	6(M)	6(M)	9(L)	7(M)	9(L)	7(M)	9(L)	7(M)	9(L)	9(L)	9(L)	9(L)

NOTES:

L = Large.  
M = Moderate.  
S = Small.

<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.  
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.

Table S-3f. Potential Changes in Hydrology-Related Opportunities for Recreation by Alternative (Reservoir Activities: San Joaquin River Region)

Weighting Factor	Actions and Effects	Impacts of Alternatives and Variations <sup>a</sup>											
		1A	1B	1C	2A	2B	2D	2E	3A	3B	3E	3H	3I
1	Construction impacts												
3	River flows												
3	Reservoir storage/capacity	-	N	N	+	+	+	+	+	+	+	+	+
1	Water quality/clarity	+	+	+	+	+	+	+	+	+	+	+	+
	Weighted effect <sup>b</sup>	-2(S)	1(S)	1(S)	4(M)								

NOTES:

L = Large.  
M = Moderate.  
S = Small.

<sup>a</sup> Each + and - has a value of 1 and is weighted by the weighting factor.  
<sup>b</sup> Composite weighting based on importance of species type for wildlife viewing and hunting.

Table S-3g. Potential Changes in Hydrology-Related Opportunities for Recreation by Alternative (Reservoir Activities: SWP and CVP Service Areas Outside the Central Valley)

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Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A	Pos, Mod			Pos, Mod
1B	Pos, Mod			Pos, Mod
1C	Pos, Mod			Pos, Mod
2A	Pos, Small			Pos, Small
2B	Pos, Small			Pos, Small
2D	Pos, Mod			Pos, Mod
2E	Pos, Mod			Pos, Mod
3A	Pos, Large			Pos, Large
3B	Pos, Large			Pos, Large
3E	Pos, Large			Pos, Large
3H	Pos, Large			Pos, Large
3I	Pos, Large			Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4a. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Sport Fishing for Anadromous Fish: Delta Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A	Pos, Mod			Pos, Mod
1B	Pos, Mod			Pos, Mod
1C	Pos, Mod			Pos, Mod
2A	Pos, Small			Pos, Small
2B	Pos, Small			Pos, Small
2D	Pos, Mod			Pos, Mod
2E	Pos, Mod			Pos, Mod
3A	Pos, Large			Pos, Large
3B	Pos, Large			Pos, Large
3E	Pos, Large			Pos, Large
3H	Pos, Large			Pos, Large
3I	Pos, Large			Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4b. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Sport Fishing for Anadromous Fish: Bay/Pacific Coast Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A	Pos, Mod			Pos, Mod
1B	Pos, Mod			Pos, Mod
1C	Pos, Mod			Pos, Mod
2A	Pos, Small			Pos, Small
2B	Pos, Small			Pos, Small
2D	Pos, Mod			Pos, Mod
2E	Pos, Mod			Pos, Mod
3A	Pos, Large			Pos, Large
3B	Pos, Large			Pos, Large
3E	Pos, Large			Pos, Large
3H	Pos, Large			Pos, Large
3I	Pos, Large			Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4c. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Sport Fishing for Anadromous Fish: Sacramento River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A	Pos, Mod			Pos, Mod
1B	Pos, Mod			Pos, Mod
1C	Pos, Mod			Pos, Mod
2A	Pos, Small			Pos, Small
2B	Pos, Small			Pos, Small
2D	Pos, Mod			Pos, Mod
2E	Pos, Mod			Pos, Mod
3A	Pos, Large			Pos, Large
3B	Pos, Large			Pos, Large
3E	Pos, Large			Pos, Large
3H	Pos, Large			Pos, Large
3I	Pos, Large			Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4d. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Sport Fishing for Anadromous Fish: San Joaquin River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A			Pos, Small	Pos, Small
1B			Pos, Mod	Pos, Mod
1C			Pos, Mod	Pos, Mod
2A			Pos, Mod	Pos, Mod
2B			Pos, Mod	Pos, Mod
2D			Pos, Large	Pos, Large
2E			Pos, Large	Pos, Large
3A			Pos, Mod	Pos, Mod
3B			Pos, Mod	Pos, Mod
3E			Pos, Mod	Pos, Mod
3H			Pos, Mod	Pos, Mod
3I			Pos, Mod	Pos, Mod

NOTES.

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4e. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (River Activities Other Than Sport Fishing: Delta Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A			Pos, Small	Pos, Small
1B			Pos, Small	Pos, Small
1C			Neg, Mod	Neg, Mod
2A			Pos, Small	Pos, Small
2B			Neg, Mod	Neg, Mod
2D			Pos, Small	Pos, Small
2E			Neg, Mod	Neg, Mod
3A			Pos, Small	Pos, Small
3B			Neg, Mod	Neg, Mod
3E			Neg, Mod	Neg, Mod
3H			Neg, Mod	Neg, Mod
3I			Neg, Mod	Neg, Mod

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4f. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (River Activities Other Than Sport Fishing: Sacramento River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A			Pos, Small	Pos, Small
1B			Pos, Small	Pos, Small
1C			Neg, Mod	Neg, Mod
2A			Pos, Small	Pos, Small
2B			Neg, Mod	Neg, Mod
2D			Pos, Small	Pos, Small
2E			Neg, Mod	Neg, Mod
3A			Pos, Small	Pos, Small
3B			Neg, Mod	Neg, Mod
3E			Neg, Mod	Neg, Mod
3H			Neg, Mod	Neg, Mod
3I			Neg, Mod	Neg, Mod

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4g. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (River Activities Other Than Sport Fishing: San Joaquin River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A			Pos, Small	Pos, Small
1B			Pos, Mod	Pos, Mod
1C			Pos, Mod	Pos, Mod
2A			Pos, Mod	Pos, Mod
2B			Pos, Mod	Pos, Mod
2D			Pos, Mod	Pos, Mod
2E			Pos, Mod	Pos, Mod
3A			Pos, Mod	Pos, Mod
3B			Pos, Mod	Pos, Mod
3E			Pos, Mod	Pos, Mod
3H			Pos, Mod	Pos, Mod
3I			Pos, Mod	Pos, Mod

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4h. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Reservoir Activities: Delta Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A			Pos, Mod	Pos, Mod
1B			Pos, Mod	Pos, Mod
1C			Pos, Large	Pos, Large
2A			Pos, Mod	Pos, Mod
2B			Pos, Large	Pos, Large
2D			Pos, Mod	Pos, Mod
2E			Pos, Large	Pos, Large
3A			Pos, Mod	Pos, Mod
3B			Pos, Large	Pos, Large
3E			Pos, Large	Pos, Large
3H			Pos, Large	Pos, Large
3I			Pos, Large	Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4i. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Reservoir Activities: Sacramento River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A			Pos, Mod	Pos, Mod
1B			Pos, Mod	Pos, Mod
1C			Pos, Large	Pos, Large
2A			Pos, Mod	Pos, Mod
2B			Pos, Large	Pos, Large
2D			Pos, Mod	Pos, Mod
2E			Pos, Large	Pos, Large
3A			Pos, Mod	Pos, Mod
3B			Pos, Large	Pos, Large
3E			Pos, Large	Pos, Large
3H			Pos, Large	Pos, Large
3I			Pos, Large	Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4j. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Reservoir Activities: San Joaquin River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A			Pos, Mod	Pos, Mod
1B			Pos, Mod	Pos, Mod
1C			Pos, Small	Pos, Small
2A			Pos, Mod	Pos, Mod
2B			Pos, Small	Pos, Small
2D			Pos, Small	Pos, Small
2E			Pos, Small	Pos, Small
3A			Pos, Mod	Pos, Mod
3B			Pos, Large	Pos, Large
3E			Pos, Small	Pos, Small
3H			Pos, Small	Pos, Small
3I			Pos, Small	Pos, Small

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4k. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Reservoir Activities: SWP and CVP Service Areas Outside the Central Valley)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A		Pos, Large		Pos, Large
1B		Pos, Large		Pos, Large
1C		Pos, Large		Pos, Large
2A		Pos, Large		Pos, Large
2B		Pos, Large		Pos, Large
2D		Pos, Large		Pos, Large
2E		Pos, Large		Pos, Large
3A		Pos, Large		Pos, Large
3B		Pos, Large		Pos, Large
3E		Pos, Large		Pos, Large
3H		Pos, Large		Pos, Large
3I		Pos, Large		Pos, Large

NOTES:

Large = Large impact.  
 Mod = Moderate impact.  
 Neg = Negative impact.  
 Pos = Positive impact  
 Small = Small impact.

**Table S-4I. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Wildlife-Related Recreation Activities: Delta Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A		Pos, Mod		Pos, Mod
1B		Pos, Mod		Pos, Mod
1C		Pos, Mod		Pos, Mod
2A		Pos, Mod		Pos, Mod
2B		Pos, Mod		Pos, Mod
2D		Pos, Mod		Pos, Mod
2E		Pos, Mod		Pos, Mod
3A		Pos, Mod		Pos, Mod
3B		Pos, Mod		Pos, Mod
3E		Pos, Mod		Pos, Mod
3H		Pos, Mod		Pos, Mod
3I		Pos, Mod		Pos, Mod

NOTES.

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4m. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Wildlife-Related Recreation Activities: Bay Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A		Pos, Mod		Pos, Mod
1B		Pos, Mod		Pos, Mod
1C		Pos, Mod		Pos, Mod
2A		Pos, Mod		Pos, Mod
2B		Pos, Mod		Pos, Mod
2D		Pos, Mod		Pos, Mod
2E		Pos, Mod		Pos, Mod
3A		Pos, Mod		Pos, Mod
3B		Pos, Mod		Pos, Mod
3E		Pos, Mod		Pos, Mod
3H		Pos, Mod		Pos, Mod
3I		Pos, Mod		Pos, Mod

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4n. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Wildlife-Related Recreation Activities: Sacramento River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A		Pos, Small		Pos, Small
1B		Pos, Small		Pos, Small
1C		Pos, Small		Pos, Small
2A		Pos, Small		Pos, Small
2B		Pos, Small		Pos, Small
2D		Pos, Small		Pos, Small
2E		Pos, Small		Pos, Small
3A		Pos, Small		Pos, Small
3B		Pos, Small		Pos, Small
3E		Pos, Small		Pos, Small
3H		Pos, Small		Pos, Small
3I		Pos, Small		Pos, Small

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4o. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Wildlife-Related Recreation Activities: San Joaquin River Region)**

Alternative	Fisheries	Wildlife	Hydrology	Overall Effect
1A		Pos, Small		Pos, Small
1B		Pos, Small		Pos, Small
1C		Pos, Small		Pos, Small
2A		Pos, Small		Pos, Small
2B		Pos, Small		Pos, Small
2D		Pos, Small		Pos, Small
2E		Pos, Small		Pos, Small
3A		Pos, Small		Pos, Small
3B		Pos, Small		Pos, Small
3E		Pos, Small		Pos, Small
3H		Pos, Small		Pos, Small
3I		Pos, Small		Pos, Small

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-4p. Effect of Changes in Resource Conditions on Fish, Wildlife, and Recreation Economic Activities (Wildlife-Related Recreation Activities: SWP and CVP Service Areas Outside the Central Valley)**

**Table S-5. Relative Importance of Activities to Regional Economics**

Activity	Region				
	Delta	Bay and Coastal	Sacramento River	San Joaquin River	SWP and CVP Service Areas Outside the Central Valley
Ocean commercial salmon fishing	NA	H	NA	NA	NA
Sport fishing for anadromous species	H	H	M	L	L
Other river activities	H	NA	M	M	L
Reservoir activities	NA	NA	H	H	H
Other wildlife-related activities	M	M	L	L	L

NOTES:

H = High.  
M = Moderate.  
NA = Not applicable.  
L = Low.

Rating based on contribution relative to other activities in the region.

Alternative	Ocean Commercial Salmon Fishing	Sport Fishing for Anadromous Fish	Other River Activities	Reservoir Activities	Wildlife Recreation Activities	Overall Effect
1A		Pos, Mod	Pos, Small	Pos, Small	Pos, Large	Pos, Mod
1B		Pos, Mod	Pos, Mod	Pos, Mod	Pos, Large	Pos, Mod
1C		Pos, Mod	Pos, Mod	Pos, Mod	Pos, Large	Pos, Mod
2A		Pos, Small	Pos, Mod	Pos, Mod	Pos, Large	Pos, Mod
2B		Pos, Small	Pos, Mod	Pos, Mod	Pos, Large	Pos, Mod
2D		Pos, Mod	Pos, Large	Pos, Mod	Pos, Large	Pos, Large
2E		Pos, Mod	Pos, Large	Pos, Mod	Pos, Large	Pos, Large
3A		Pos, Large	Pos, Mod	Pos, Mod	Pos, Large	Pos, Large
3B		Pos, Large	Pos, Mod	Pos, Mod	Pos, Large	Pos, Large
3E		Pos, Large	Pos, Mod	Pos, Mod	Pos, Large	Pos, Large
3H		Pos, Large	Pos, Mod	Pos, Mod	Pos, Large	Pos, Large
3I		Pos, Large	Pos, Mod	Pos, Mod	Pos, Large	Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact.  
Small = Small impact.

**Table S-6a. Changes in Economic Activity by Region (Delta Region)**

Alternative	Ocean Commercial Salmon Fishing	Sport Fishing for Anadromous Fish	Other River Activities	Reservoir Activities	Wildlife Recreation Activities	Overall Effect
1A	Pos, Mod	Pos, Mod			Pos, Mod	Pos, Mod
1B	Pos, Mod	Pos, Mod			Pos, Mod	Pos, Mod
1C	Pos, Mod	Pos, Mod			Pos, Mod	Pos, Mod
2A	Pos, Small	Pos, Small			Pos, Mod	Pos, Small
2B	Pos, Small	Pos, Small			Pos, Mod	Pos, Small
2D	Pos, Mod	Pos, Mod			Pos, Mod	Pos, Mod
2E	Pos, Mod	Pos, Mod			Pos, Mod	Pos, Mod
3A	Pos, Large	Pos, Large			Pos, Mod	Pos, Large
3B	Pos, Large	Pos, Large			Pos, Mod	Pos, Large
3E	Pos, Large	Pos, Large			Pos, Mod	Pos, Large
3H	Pos, Large	Pos, Large			Pos, Mod	Pos, Large
3I	Pos, Large	Pos, Large			Pos, Mod	Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-6b. Changes in Economic Activity by Region (Bay Region)**

Alternative	Ocean Commercial Salmon Fishing	Sport Fishing for Anadromous Fish	Other River Activities	Reservoir Activities	Wildlife Recreation Activities	Overall Effect
1A		Pos, Mod	Pos, Small	Pos, Mod	Pos, Mod	Pos, Mod
1B		Pos, Mod	Pos, Small	Pos, Mod	Pos, Mod	Pos, Mod
1C		Pos, Mod	Pos, Mod	Pos, Large	Pos, Mod	Pos, Mod
2A		Pos, Small	Pos, Small	Pos, Mod	Pos, Mod	Pos, Mod
2B		Pos, Small	Pos, Mod	Pos, Large	Pos, Mod	Pos, Mod
2D		Pos, Mod	Pos, Small	Pos, Mod	Pos, Mod	Pos, Mod
2E		Pos, Mod	Pos, Mod	Pos, Large	Pos, Mod	Pos, Mod
3A		Pos, Large	Pos, Small	Pos, Mod	Pos, Mod	Pos, Mod
3B		Pos, Large	Pos, Mod	Pos, Large	Pos, Mod	Pos, Large
3E		Pos, Large	Pos, Mod	Pos, Large	Pos, Mod	Pos, Large
3H		Pos, Large	Pos, Mod	Pos, Large	Pos, Mod	Pos, Large
3I		Pos, Large	Pos, Mod	Pos, Large	Pos, Mod	Pos, Large

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-6c. Changes in Economic Activity by Region (Sacramento River Region)**

Alternative	Ocean Commercial Salmon Fishing	Sport Fishing for Anadromous Fish	Other River Activities	Reservoir Activities	Wildlife Recreation Activities	Overall Effect
1A	Pos, Mod	Pos, Small	Pos, Mod	Pos, Small	Pos, Mod	
1B		Pos, Mod	Pos, Small	Pos, Mod	Pos, Small	Pos, Mod
1C		Pos, Mod	Pos, Mod	Pos, Large	Pos, Small	Pos, Small
2A		Pos, Small	Pos, Small	Pos, Mod	Pos, Small	Pos, Small
2B		Pos, Small	Pos, Mod	Pos, Large	Pos, Small	Pos, Small
2D		Pos, Mod	Pos, Small	Pos, Mod	Pos, Small	Pos, Mod
2E		Pos, Mod	Pos, Mod	Pos, Large	Pos, Small	Pos, Small
3A		Pos, Large	Pos, Small	Pos, Mod	Pos, Small	Pos, Mod
3B		Pos, Large	Pos, Mod	Pos, Large	Pos, Small	Pos, Mod
3E		Pos, Large	Pos, Mod	Pos, Large	Pos, Small	Pos, Mod
3H		Pos, Large	Pos, Mod	Pos, Large	Pos, Small	Pos, Mod
3I		Pos, Large	Pos, Mod	Pos, Large	Pos, Small	Pos, Mod

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-6d. Changes in Economic Activity by Region (San Joaquin River Region)**

Alternative	Ocean Commercial Salmon Fishing	Sport Fishing for Anadromous Fish	Other River Activities	Reservoir Activities	Wildlife Recreation Activities	Overall Effect
1A			Neg, Small	Pos, Small	Neg, Small	
1B				Pos, Small	Pos, Small	Pos, Small
1C				Pos, Small	Pos, Small	Pos, Small
2A				Pos, Mod	Pos, Small	Pos, Mod
2B				Pos, Mod	Pos, Small	Pos, Mod
2D				Pos, Mod	Pos, Small	Pos, Mod
2E				Pos, Mod	Pos, Small	Pos, Mod
3A				Pos, Mod	Pos, Small	Pos, Mod
3B				Pos, Mod	Pos, Small	Pos, Mod
3E				Pos, Mod	Pos, Small	Pos, Mod
3H				Pos, Mod	Pos, Small	Pos, Mod
3I				Pos, Mod	Pos, Small	Pos, Mod

NOTES:

Large = Large impact.  
Mod = Moderate impact.  
Neg = Negative impact.  
Pos = Positive impact  
Small = Small impact.

**Table S-6e. Changes in Economic Activity by Region (SWP and CVP Service Areas)**

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