SACRAMENTO

2164

EXISTING CONDITIONS (Baseline)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod /4	MOD SUM
Entrainment	-1	-2	-2	-1	-1	-3	-3	-3	-2	0	0	-2		-20	/4	-5
													sum			
% Population Exposed	-1	-2	-2	-1	-1	-2	-2	-2	-1	0	0	-1	-15			
Screen Efficiency/Predat	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-9			
Handling/Trucking Losse	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-5			
CCFB Predation Losses	-2	-1	-1	-1	-1	-2	-3	-3	-3	-3	-3	-3	-26			
Interior Delta Survival	-2	-3	-5	-3	-2	-3	-2	-4	-5	0	0	-1		-30	na	-30
													sum			
Flow Distribution	-1	-2	-3	-2	-1	-1	0	0	-1	0	0	-1	-12			
Cross Channel Operatio	-1	-1	-1	0	0	0	0	0	-1	0	0	0	-4			
Predation in the Delta	0	0	-1	-1	-1	-2	-2	-2	-1	0	0	0	-10			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flow below Hood	0	0	0	0	0	0	-1	-1	-1	0	0	0		-3	x2	-6
Shallow Water Habitat	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Food Supply	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Ag Diversions	0	0	0	0	0	0	-1	-1	-1	0	0	0		-3		-3
Adult migration	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Toxics (dilution/inputs)	*	*	*	*	*	*	*	*	*	*	*	*		0		0
													TOTAL	-56		-44

ALTERNATIVE 1 (without storage)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod /4	MOD SUM
Entrainment	-1	-2	-2	-2	-2	-2	-2	-2	-1	0	0	-1		-17	/4	-4
													sum			
% Population Exposed	-1	-2	-2	-2	-2	-2	-2	-2	-1	0	0	-1	-17			
Screen Efficiency/Predat	0	0	0	0	0	0	-1	-1	-1	-1	-1	0	-5			
Handling/Trucking Losse	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-5			
CCFB Predation Losses	0	0	0	0	0	0	0	0	0	0	0	0	0			
Interior Delta Survival	-2	-3	-5	-3	-1	-2	-1	-3	-4	0	0	-1		-25	na	-25
													sum			
Flow Distribution	-1	-2	-4	-3	-1	-1	0	0	-1	0	0	-1	-14			
Cross Channel Operatio	-1	-1	-1	0	0	0	0	0	-1	0	0	0	-4			
Predation in the Delta	0	0	0	0	0	-1	-1	-1	0	0	0	0	-3			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flows below Hood	0	0	0	0	0	0	-1	0	-1	0	0	0		-2	x2	-4
Shallow Water Habitat	0	0	1	1	1	1	0	0	0	0	0	0		4		4
Food Supply	0	0	1	1	1	1	1	1	0	0	0	0		6		6
Ag Diversions	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Adult Migration	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Toxics (dilution/inputs)	*	*	*	*	*	*	*	*	*	*	*	*		0		0
													TOTAL	-34		-23

ALTERNATIVE 1 (with storage)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod	MOD SUM
Entrainment	-1	-2	-3	-3	-3	-3	-2	-2	-1	0	0	-1		-21	/4	-5
													sum			
% Population Exposed	-1	-2	-3	-3	-3	-3	-2	-2	-1	0	0	-1	-21			
Screen Efficiency/Predat	0	0	0	0	0	0	-1	-1	-1	-1	-1	0	-5			
Handling/Trucking Losse	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-5			
CCFB Predation Losses	0	0	0	0	0	0	0	0	0	0	0	0	0			
Interior Delta Survival	-3	-4	-6	-4	-2	-3	-1	-3	-4	0	0	-1		-31	na	-31
													sum			
Flow Distribution	-2	-3	-5	-4	-2	-2	0	0	-1	0	0	-1	-20			
Cross Channel Operatio	-1	-1	-1	0	0	0	0	0	-1	0	0	0	-4			
Predation in the Delta	0	0	0	0	0	-1	-1	-1	0	0	0	0	-3			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flows below Hood	0	0	0	0	0	0	-1	0	-1	0	0	0		-2	x2	-4
Shallow Water Habitat	0	0	1	1	1	1	0	0	0	0	0	0		4		4
Food Supply	0	0	1	1	1	1	1	1	0	0	0	0		6		6
Ag Diversions	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Adult Migration	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Toxics (dilution/inputs)	*	*	*	*	*	*	*	*	*	*	*	*		0		0
													TOTAL	-44		-30

NO ACTION ALTERNATIVE

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod /4	MOD SUM
Entrainment	-1	-2	-2	-2	-2	-3	-3	-3	-2	0	0	-2		-22	/4	-6
													sum			
% Population Exposed	-1	-2	-2	-2	-2	-2	-2	-2	-1	0	0	-1	-17			
Screen Efficiency/Predat	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-9			
Handling/Trucking Losse	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-5			
CCFB Predation Losses	-2	-1	-1	-1	-1	-2	-3	-3	-3	-3	-3	-3	-26			
Interior Delta Survival	-2	-3	-6	-4	-2	-3	-2	-4	-5	0	0	-1		-32	na	-32
													sum			
Flow Distribution	-1	-2	-4	-3	-1	-1	0	0	-1	0	0	-1	-14			
Cross Channel Operatio	-1	-1	-1	0	0	0	0	0	-1	0	0	0	-4			
Predation in the Delta	0	0	-1	-1	-1	-2	-2	-2	-1	0	0	0	-10			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flow below Hood	0	0	0	0	0	0	-1	-1	-1	0	0	0		-3	x2	-6
Shallow Water Habitat	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Food Supply	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Ag Diversions	0	0	0	0	0	0	-1	-1	-1	0	0	0		-3		-3
Adult migration	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Toxics (dilution/inputs)	*	*	*	*	*	*	*	*	*	*	*	*		0		0
													TOTAL	-60		-47

ALTERNATIVE 2 (without storage)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod /4	MOD SUM
Entrainment	-2	-4	-4	-3	-2	-2	-3	-3	-2	0	0	-2		-27	/4	-7
													sum			
% Population Exposed	*	*	*	*	*	*	*	*	*	*	*	*	0			
Screen Efficiency/Predat	*	*	*	*	*	*	*	*	*	*	*	*	0			
Handling/Trucking Losse	*	*	*	*	*	*	*	*	*	*	*	*	0			
CCFB Predation Losses	*	*	*	*	*	*	*	*	*	*	*	*	0			
Interior Delta Survival	0	0	-1	-1	1	-1	0	-2	-3	0	0	0		-7	na	-7
													sum			
Flow Distribution	0	0	-1	-1	1	0	1	1	0	0	0	0	1			
Cross Channel Operatio	0	0	0	0	0	0	0	0	0	0	0	0	0			
Predation in the Delta	0	0	0	0	0	-1	-1	-1	-1	0	0	0	-4			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flows below Hood	-1	-1	-1	-1	-2	-2	-2	-1	-2	0	0	-1		-14	x2	-28
Shallow Water Habitat	0	0	1	1	1	1	0	0	0	0	0	0		4		4
Food Supply	0	0	1	1	1	1	1	1	0	0	0	0		6		6
Ag Diversions	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Adult migration	-2	-2	-1	-1	-2	-2	-1	-2	-2	-1	-1	-2		-19		-19
Toxics (dilution/inputs)	*	*	*	*	*	*	*	*	*	*	*	*		0		0
														-57		-51

ALTERNATIVE 2 (with storage)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod	MOD SUM
Entrainment	-2	-4	-5	-4	-3	-3	-3	-3	-2	0	0	-2		-31	/4	-8
													sum			
% Population Exposed	*	*	*	*	*	*	*	*	*	*	*	*	0			
Screen Efficiency/Predat	*	*	*	*	*	*	*	*	*	*	*	*	0			
Handling/Trucking Losse	*	*	*	*	*	*	*	*	*	*	*	*	0			
CCFB Predation Losses	*	*	*	*	*	*	*	*	*	*	*	*	0			
Interior Delta Survival	-1	-1	-2	-2	0	-1	0	-2	-3	0	0	0		-12	na	-12
													sum			
Flow Distribution	-1	-1	-2	-2	0	0	1	1	0	0	0	0	-4			
Cross Channel Operatio	0	0	0	0	0	0	0	0	0	0	0	0	0			
Predation in the Delta	0	0	0	0	0	-1	-1	-1	-1	0	0	0	-4			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flows below Hood	-1	-1	-1	-1	-2	-2	-2	-1	-2	0	0	-1		-14	x2	-28
Shallow Water Habitat	0	0	1	1	1	1	0	0	0	0	0	0		4		4
Food Supply	0	0	1	1	1	1	1	1	0	0	0	0		6		6
Ag Diversions	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Adult migration	-2	-2	-1	-1	-2	-2	-1	-2	-2	-1	-1	-2		-19		-19
Toxics (dilution/inputs)	*	*	*	*	*	*	*	*	*	*	*	*		0		0
														-66		-57

COMMON PROGRAMS

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod /4	MOD SUM
Entrainment	-1	-2	-2	-2	-2	-3	-3	-3	-2	0	0	-2		-22	/4	-6
													sum			
% Population Exposed	-1	-2	-2	-2	-2	-2	-2	-2	-1	0	0	-1	-17			
Screen Efficiency/Predat	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	-9			
Handling/Trucking Losse	0	0	0	0	0	0	0	-1	-1	-1	-1	-1	-5			
CCFB Predation Losses	-2	-1	-1	-1	-1	-2	-3	-3	-3	-3	-3	-3	-26			
Interior Delta Survival	-2	-3	-5	-3	-1	-2	-1	-3	-4	0	0	-1		-25	na	-25
													sum			
Flow Distribution	-1	-2	-4	-3	-1	-1	0	0	-1	0	0	-1	-14			
Cross Channel Operatio	-1	-1	-1	0	0	0	0	0	-1	0	0	0	-4			
Predation in the Delta	0	0	0	0	0	-1	-1	-1	0	0	0	0	-3			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flows below Hood	0	0	0	0	0	0	-1	0	-1	0	0	0		-2	x2	-4
Shallow Water Habitat	0	0	1	1	1	1	0	0	0	0	0	0		4		4
Food Supply	0	0	1	1	1	1	1	1	0	0	0	0		6		6
Ag Diversions exposure)	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Adult migration	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Toxics (dilution/inputs)	*	*	*	*	*	*	*	*	*	*	*	*		0		0
													TOTAL	-39		-25

ALTERNATIVE 3 (without storage)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod /4	MOD SUM
Entrainment	-2	-3	-3	-2	-2	-2	-3	-3	-2	0	0	-2		-24	/4	-6
													sum			
% Population Exposed	*	*	*	*	*	*	*	*	*	*	*	*	0			
Screen Efficiency/Predat	*	*	*	*	*	*	*	*	*	*	*	*	0			
Handling/Trucking Losse	*	*	*	*	*	*	*	*	*	*	*	*	0			
CCFB Predation Losses	*	*	*	*	*	*	*	*	*	*	*	*	0			
Interior Delta Survival	0	1	1	1	2	0	0	-2	-3	0	0	0		0	na	0
													sum			
Flow Distribution	0	1	1	1	2	1	1	1	0	0	0	0	8			
Cross Channel Operatio	0	0	0	0	0	0	0	0	0	0	0	0	0			
Predation in the Delta	0	0	0	0	0	-1	-1	-1	-1	0	0	0	-4			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flows below Hood	-1	-1	-1	-1	-2	-2	-2	-1	-2	0	0	-1		-14	x2	-28
Shallow Water Habitat	0	0	1	1	1	1	0	0	0	0	0	0		4		4
Food Supply	0	0	1	1	1	1	1	1	0	0	0	0		6		6
Ag Diversions	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Adult migration	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Toxics	*	*	*	*	*	*	*	*	*	*	*	*		0		0
														-28		-24

ALTERNATIVE 3 (with storage)

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep		SUM	Mod	MOD SUM
Entrainment	-2	-3	-4	-3	-3	-3	-3	-3	-2	0	0	-2		-28	/4	-7
													sum			
% Population Exposed	*	*	*	*	*	*	*	*	*	*	*	*	0			
Screen Efficiency/Predat	*	*	*	*	*	*	*	*	*	*	*	*	0			
Handling/Trucking Losse	*	*	*	*	*	*	*	*	*	*	*	*	0			
CCFB Predation Losses	*	*	*	*	*	*	*	*	*	*	*	*	0			
Interior Delta Survival	0	1	1	1	2	0	0	-2	-3	0	0	0		0	na	0
													sum			
Flow Distribution	0	1	1	1	2	1	1	1	0	0	0	0	8			
Cross Channel Operatio	0	0	0	0	0	0	0	0	0	0	0	0	0			
Predation in the Delta	0	0	0	0	0	-1	-1	-1	-1	0	0	0	-4			
Temperature	0	0	0	0	0	0	0	-2	-2	0	0	0	-4			
Salinity	0	0	0	0	0	0	0	0	0	0	0	0	0			
Flows below Hood	-1	-1	-1	-1	-2	-2	-2	-1	-2	0	0	-1		-14	x2	-28
Shallow Water Habitat	0	0	1	1	1	1	0	0	0	0	0	0		4		4
Food Supply	0	0	1	1	1	1	1	1	0	0	0	0		6		6
Ag Diversions	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Adult migration	0	0	0	0	0	0	0	0	0	0	0	0		0		0
Toxics	*	*	*	*	*	*	*	*	*	*	*	*		0		0
														-32		-25

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