Diversion Effects Matrices for Delta Smelt Alternative 2

Wet Years

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0										0	
Entrainment (export)	0	0	-1	-1	-1	-1				-1	-1	0	
CCF predation	0	0	-1	-1						-1	-1	0	
Handling	0	0	0	0	-1	-1	-1			-1	0	0	
Hydrodynamics	0	0										0	
Cross -Delta Flow	0	0										0	
Qwest	0	0	0	0	0	0	0	0	0	0	0	0	
Old River @Bacon Island	0	0	-1						-1	-1	-1	0	
Sac River @ Rio Vista	0	0	0	0	0	0	0	0	0	0	0	0	
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0	
Predation	0	0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	
Food supply		1	1	1	1							1	
Shallow nearshore habitat	0	0	0	0	0	0	0	0	0	0	0	0	
Salinity/X2	0	0	0	0	0	0	0	0	0	-1	-1	-1	
Agricultural diversions												-1	
Total													

Dry Years

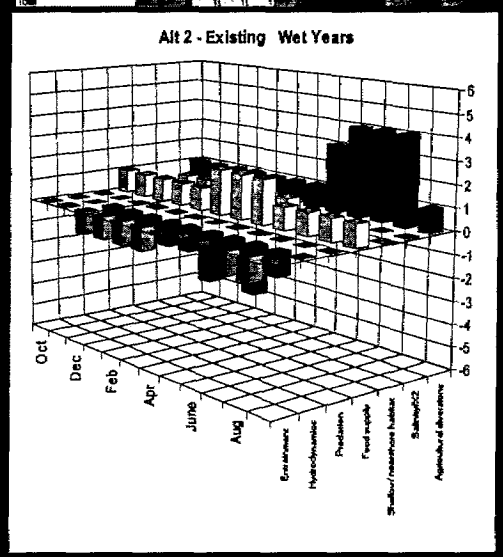
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0										0	
Entrainment (export)	0	0	-1	-1		-1	-1					0	
CCF predation	0	0	-1	-1								0	
Handling	0	0	-1	-1	-1							0	
Hydrodynamics	0	0										0	
Cross -Delta Flow	0	0										0	
Qwest	0	0	0	0	0	0	0	0	0	-1	-1	0	
Old River @Bacon Island	0	0	-1									0	
Sac River @ Rio Vista	0	0					-1	-1			-1	0	
SJ River @ Antioch	0	0	0	0	0	0	0	0	0	0	0	0	
Predation	0	0	-1	-1	-1							0	
Food supply		0	-1	-1	-1	-1	-1	-1	-1	-1	-1	0	
Shallow nearshore habitat	0	0	0	0	-1	-1	-1	-1	0	0	0	0	
Salinity/X2	-1	-1	0	0				-1	-1	-1	-1	-1	
Agricultural diversions												-1	
Total			0									0	

- Point 1
- Point 2
- Point 3

Net Effects Matrices with Common Programs Alternative 2 - Existing Conditions

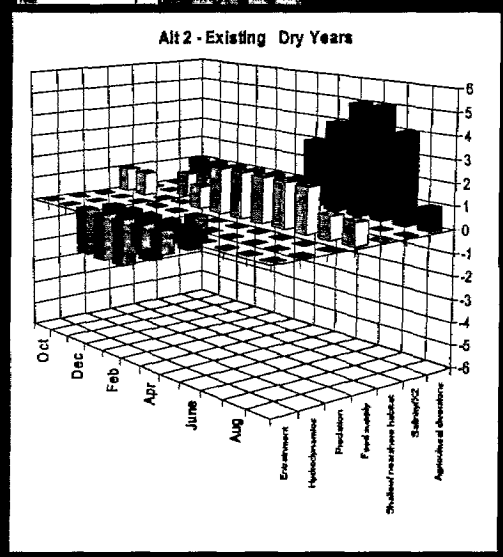
Wet Years

Alternative 2 - Existing	WET YEARS												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0	-1	-1	-1	-1	0	0	0	-1	-1	0	
Hydrodynamics	0	0	-1	-1	-1	-1	-1		-1		-1	0	
Predation	0	0	0	0	0	0	0	0	0	0	0	0	
Food supply		-1	-1	-1	-1				-1	-1	-1	-1	
Shallow nearshore habitat	0	0		-1	-1	1	1	1		0	0	0	0
Salinity/X2	0	0	0	0	0	0	0	0	0	0	0	0	
Agricultural diversions				-1	-1	-1	-1						-1
Total				-1	-1	-1							



Dry Years

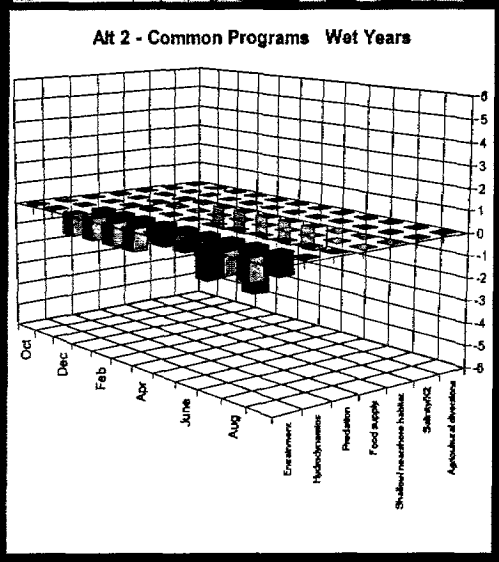
Alternative 2 - Existing	DRY YEARS												
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0				-1	-1	0	0	0	0	0	
Hydrodynamics	0	0				-1	-1	0	0	0	0	0	
Predation	0	0	0	0	0	-1	0	0	0	0	0	0	-1
Food supply		-1	0	0	-1						-1	-1	
Shallow nearshore habitat	0	0		-1	0	0	0	0	0	0	0	0	0
Salinity/X2	0	0	0	0	0	0	0	0	0	0	0	0	0
Agricultural diversions													
Total				-1	-1	-1							

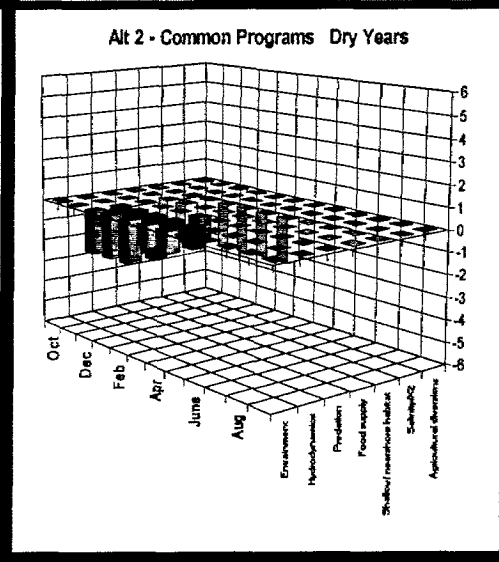


Net Effects Matrices without Common Programs
Alternative 2 - Common Programs

Wet Years

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0	-1	-1	-1	-1	0	0	0	-1	-1	0	
Hydrodynamics	0	0	-1	-1	-1	-1	-1		-1		-1	0	
Predation	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	
Shallow nearshore habitat	0	0	0	0	-1	-1	-1	-1	-1	0	0	0	
Salinity/X2	0	0	0	0	0	0	0	0	0	0	0	0	
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0										0	



Dry Years

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Total
Entrainment	0	0				-1	-1	0	0	0	0	0	
Hydrodynamics	0	0				-1	-1	0	0	0	0	0	
Predation	0	0	0	0	0	-1	0	0	0	0	0	0	-1
Food supply	0	0	-1	-1	0	0	0	0	0	0	0	0	
Shallow nearshore habitat	0	0	0	0					0	0	0	0	
Salinity/X2	0	0	0	0	0	0	0	0	0	0	0	0	
Agricultural diversions	0	0	0	0	0	0	0	0	0	0	0	0	
Total	0	0								0	0	0