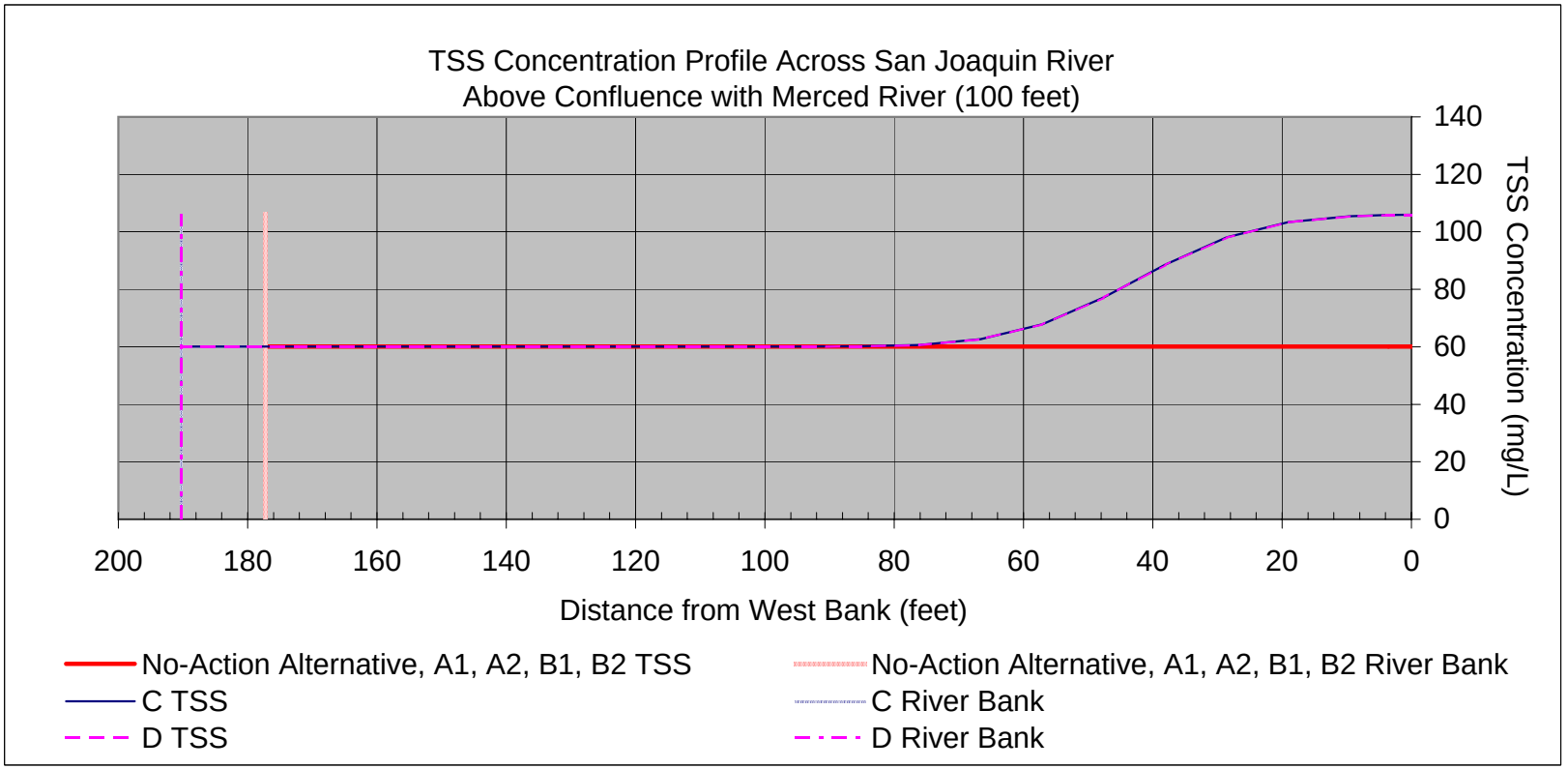
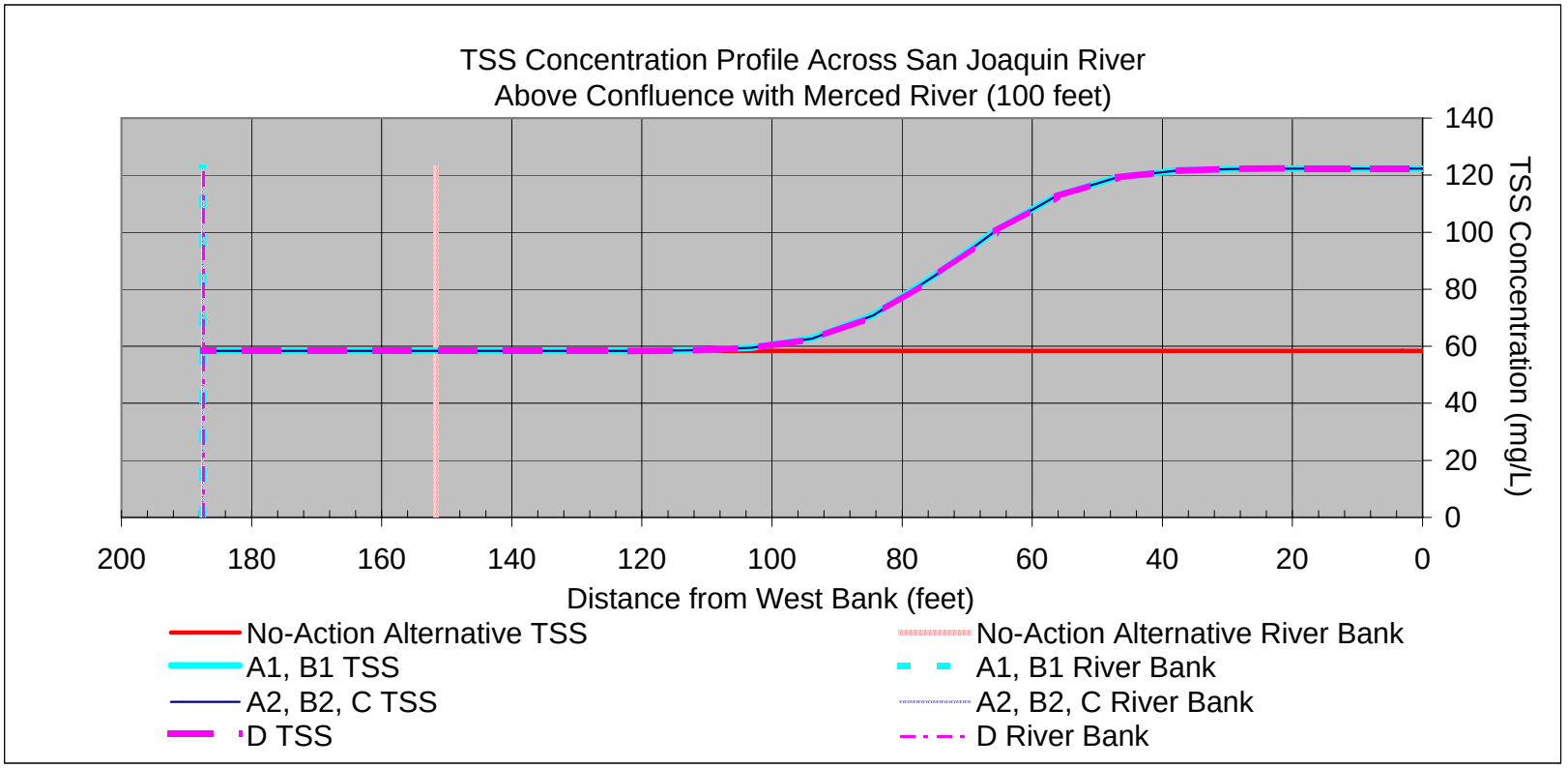
Attachment D3
San Joaquin River Lateral TSS Concentration Results Figures

San Joaquin River Lateral TSS Concentration Results Figures
100 feet



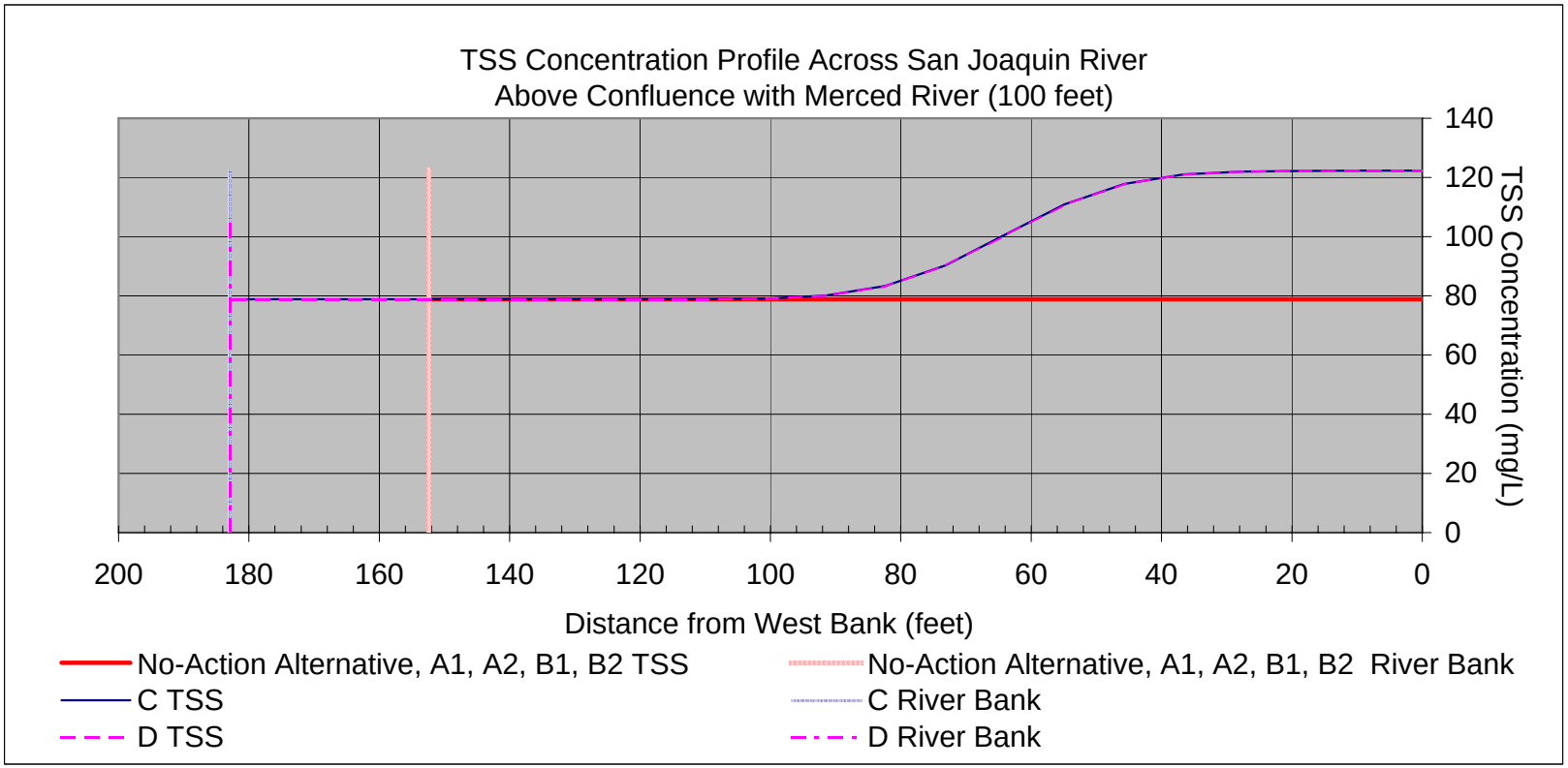
Above Normal Feb 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	60	60
Alternative A1	0	0	60	15	60	60
Alternative A2	0	0	60	15	60	60
Alternative B1	0	0	60	15	60	60
Alternative B2	0	0	60	15	60	60
Alternative C	473	132	60	15	106	60
Alternative D	472	132	60	15	106	60



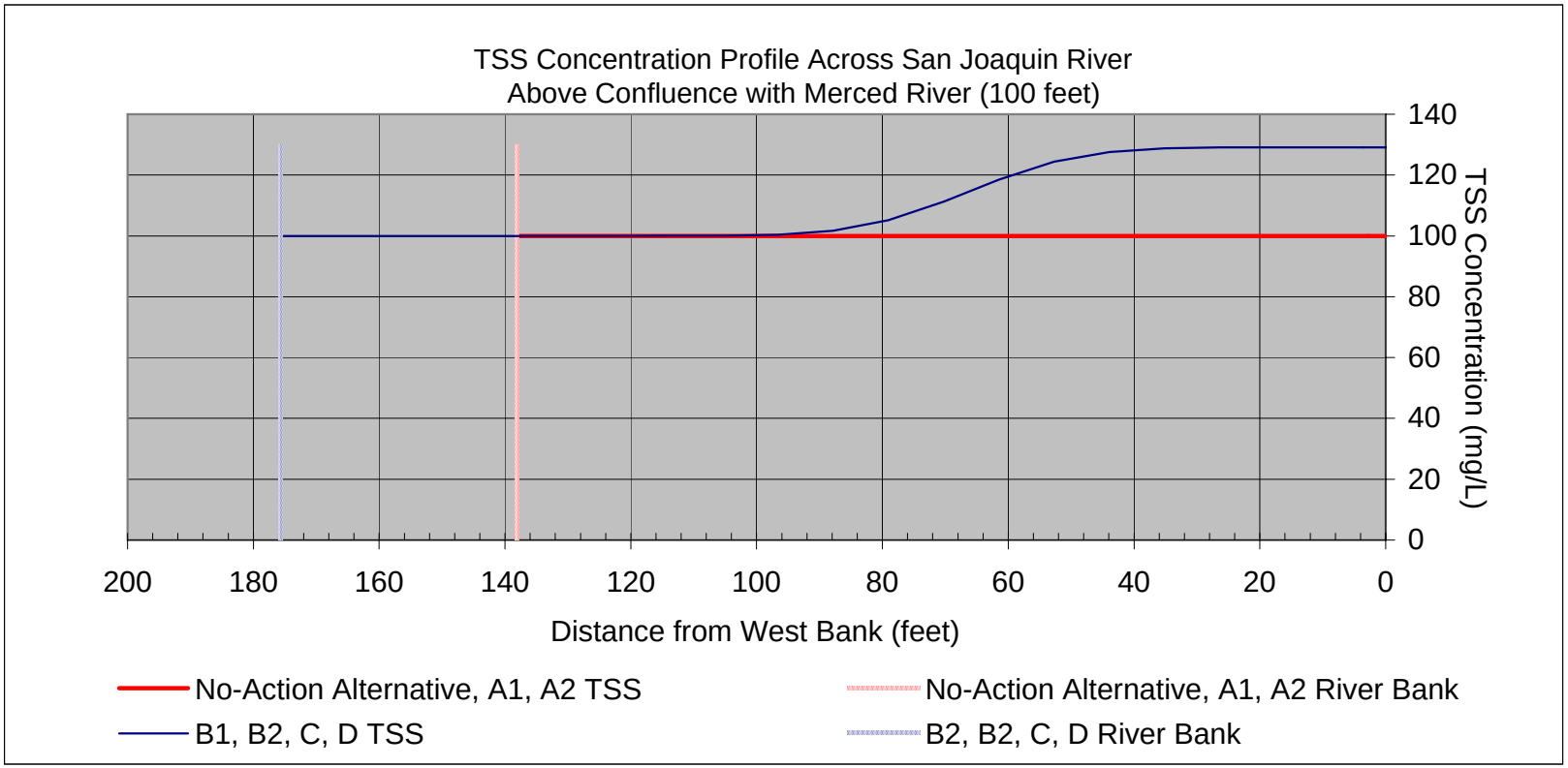
Above Normal March 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	1019	132	58	11	122	58
Alternative A2	1016	132	58	11	122	58
Alternative B1	1019	132	58	11	122	58
Alternative B2	1016	132	58	11	122	58
Alternative C	1016	132	58	11	122	58
Alternative D	1009	132	58	11	122	58



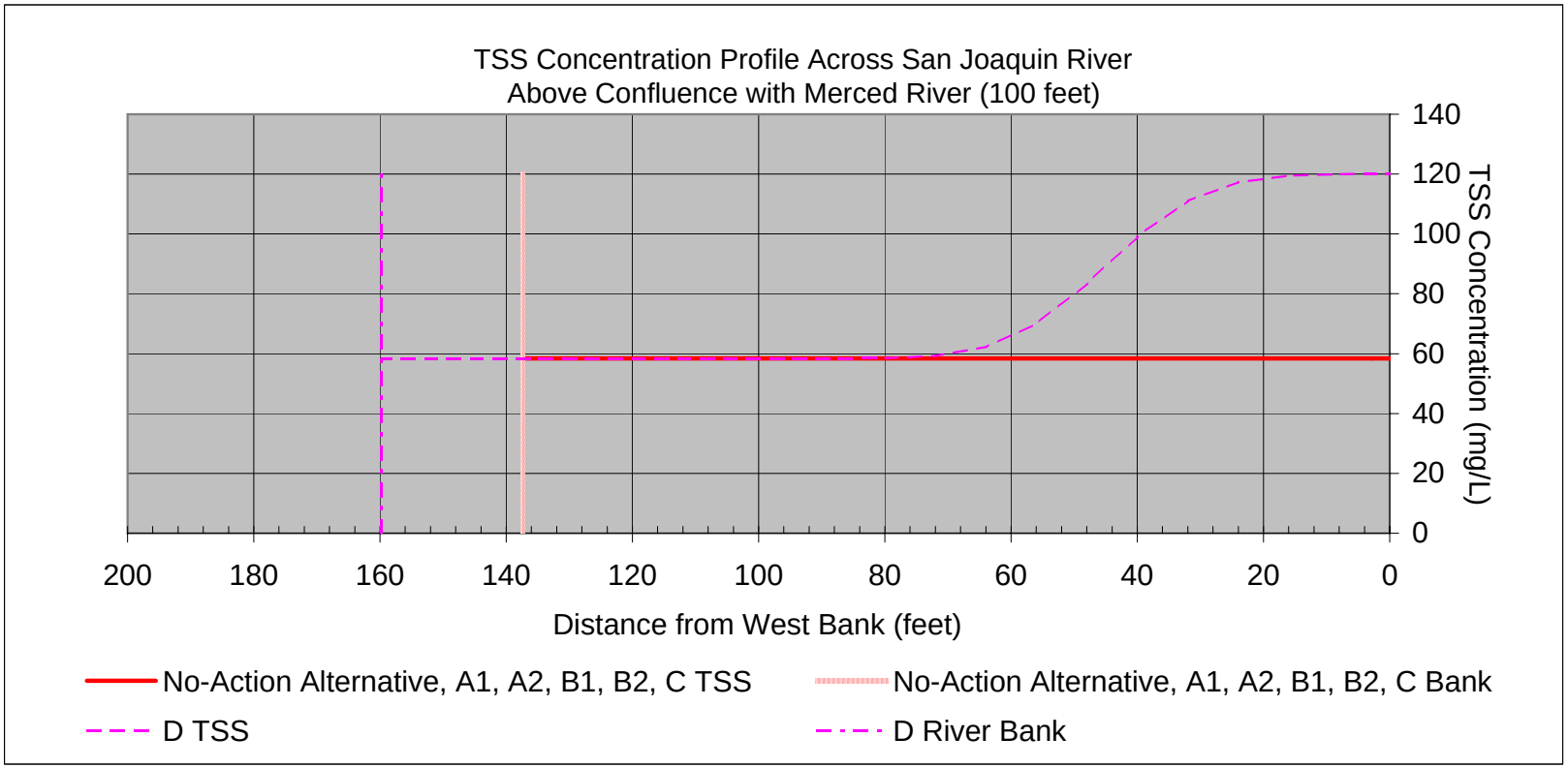
Above Normal May 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	830	132	79	5	122	79
Alternative D	827	132	79	5	122	79



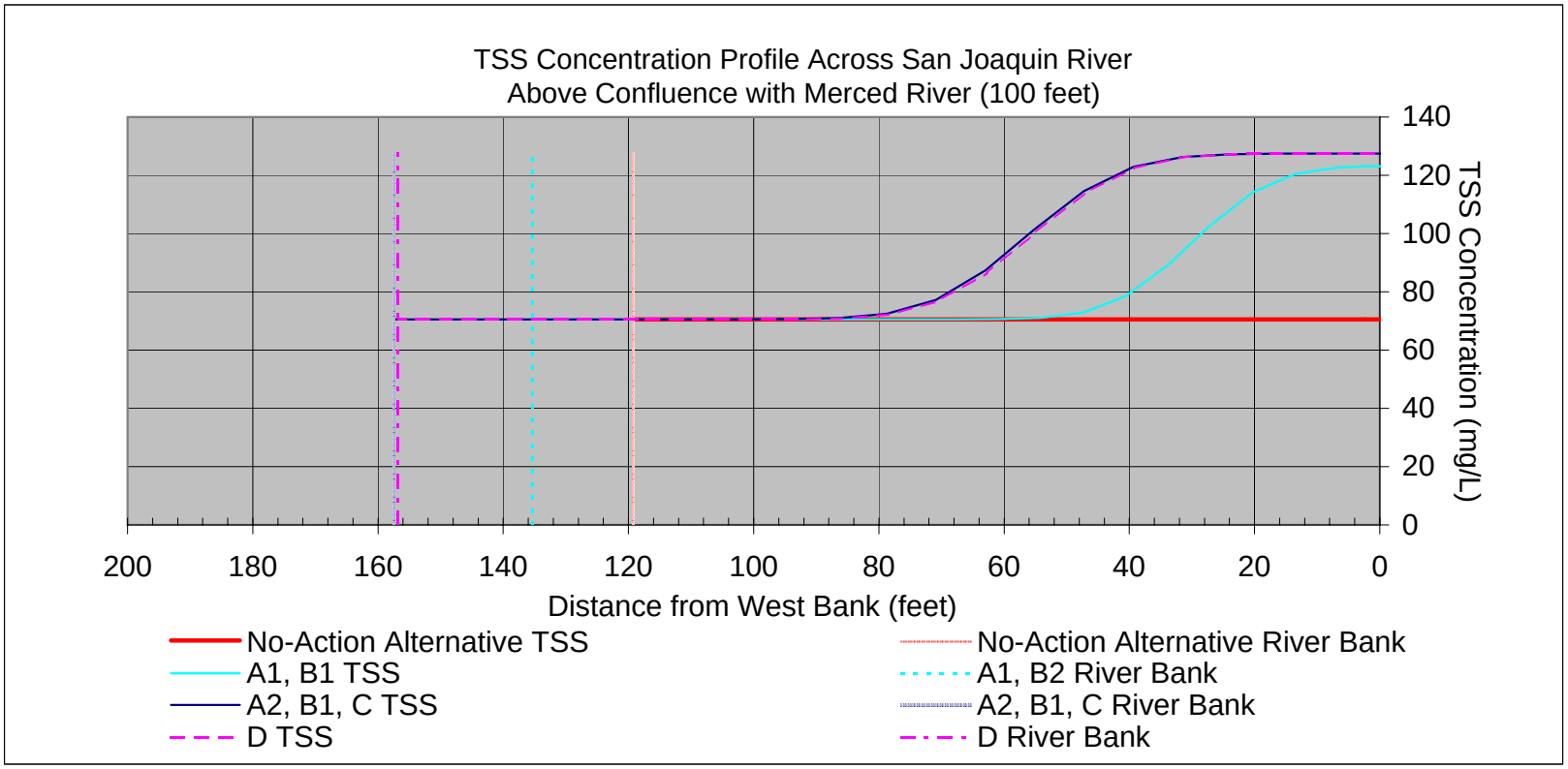
Above Normal June 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	0	0	100	8	100	100
Alternative A2	0	0	100	8	100	100
Alternative B1	828	132	100	8	129	100
Alternative B2	828	132	100	8	129	100
Alternative C	828	132	100	8	129	100
Alternative D	828	132	100	8	129	100



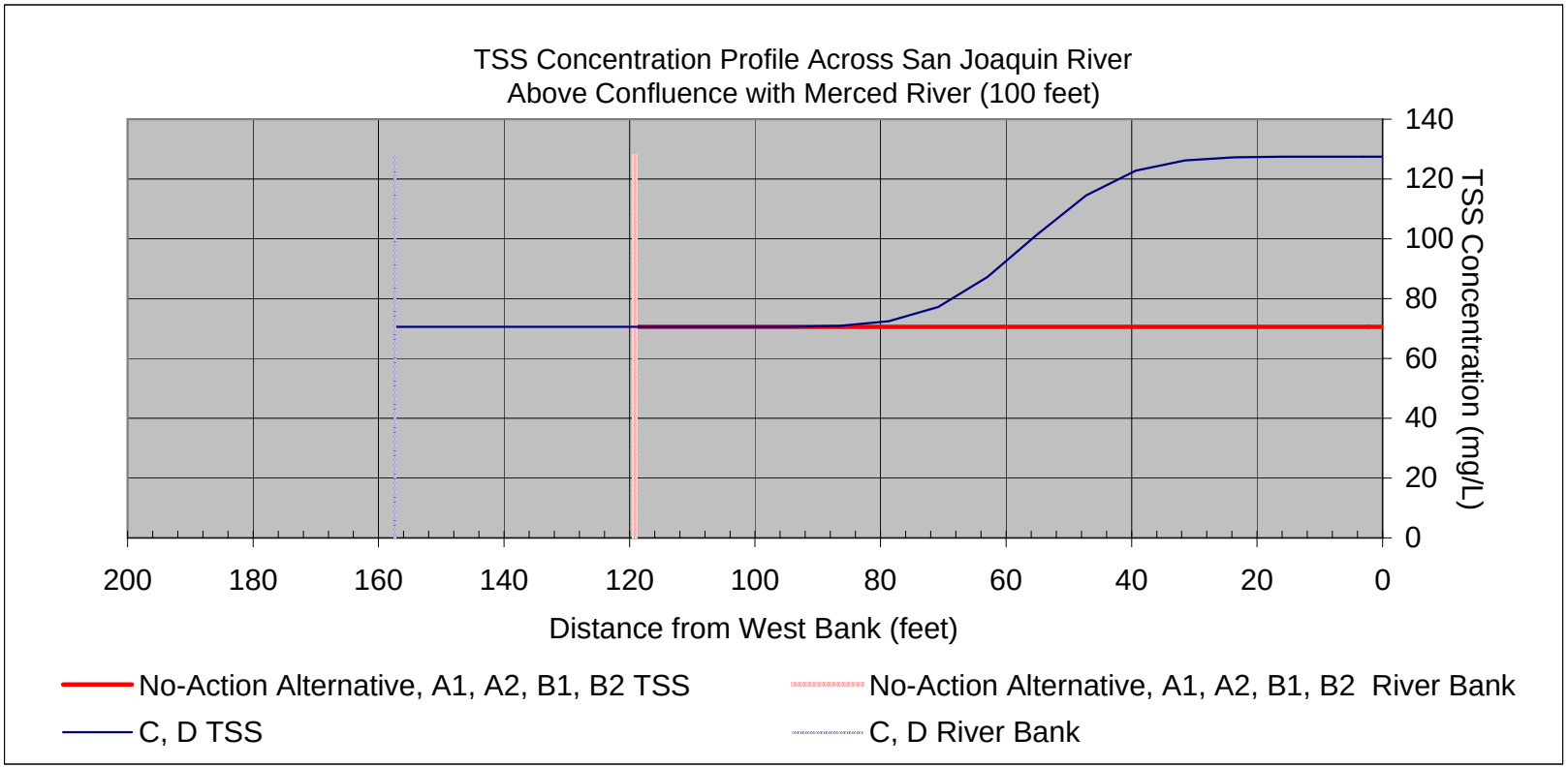
Critical March 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	0	0	58	11	58	58
Alternative B2	0	0	58	11	58	58
Alternative C	0	0	58	11	58	58
Alternative D	408	132	58	11	120	58



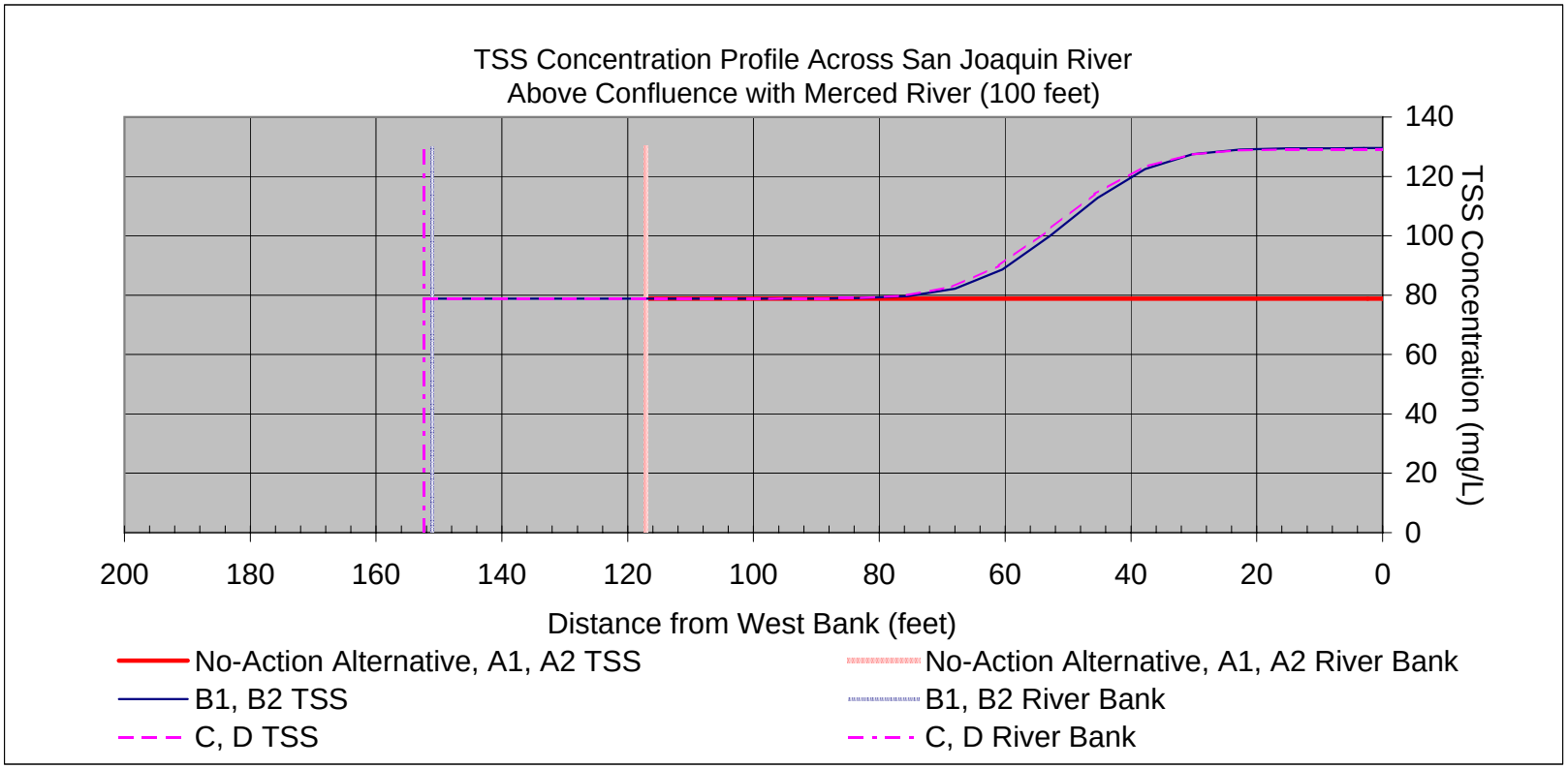
Critical April 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	178	131	71	14	123	71
Alternative A2	564	132	71	14	127	71
Alternative B1	178	131	71	14	123	71
Alternative B2	564	132	71	14	127	71
Alternative C	564	132	71	14	127	71
Alternative D	549	132	71	14	128	71



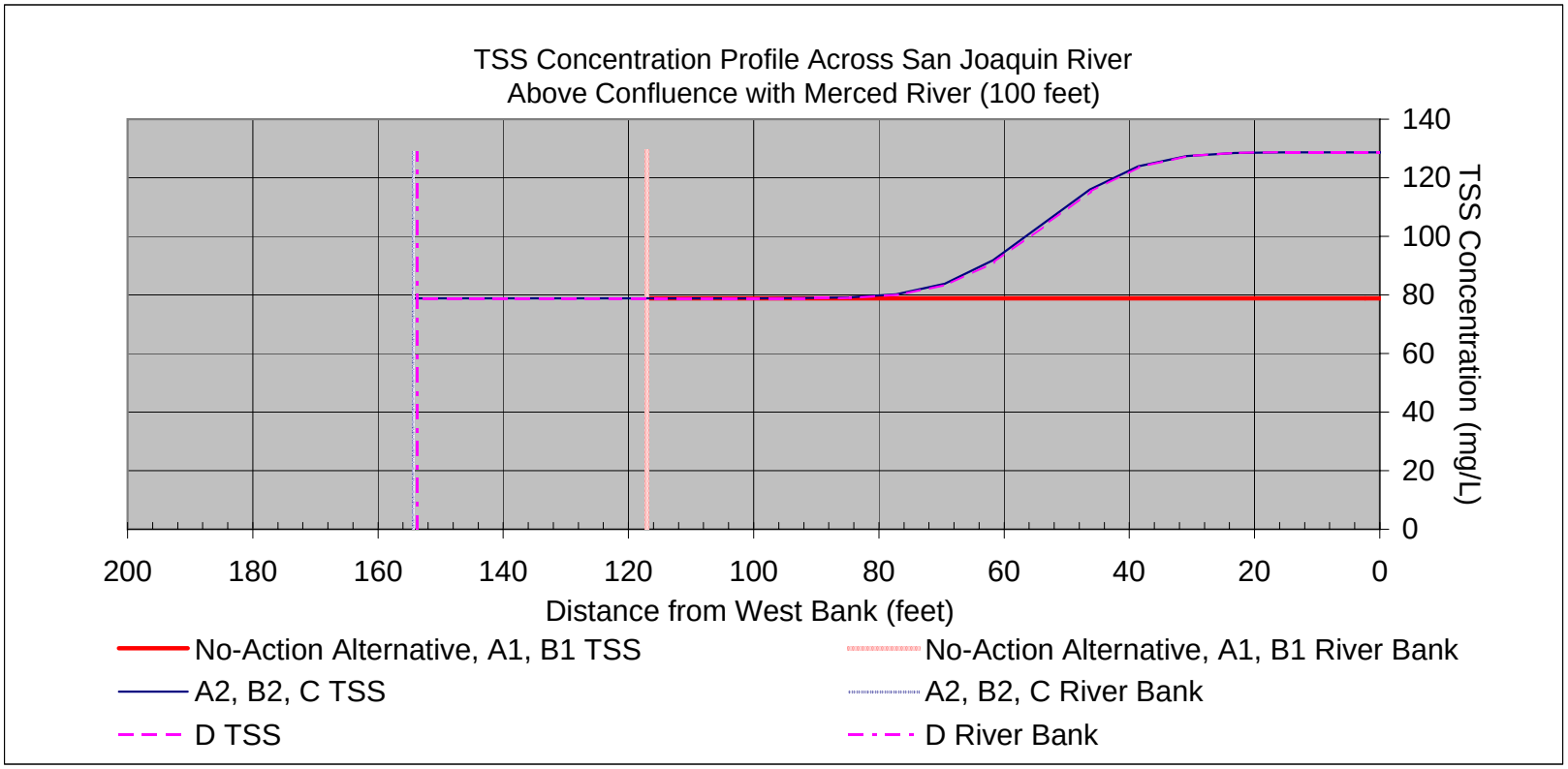
Critical April-P 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	562	132	71	14	127	71
Alternative D	562	132	71	14	127	71



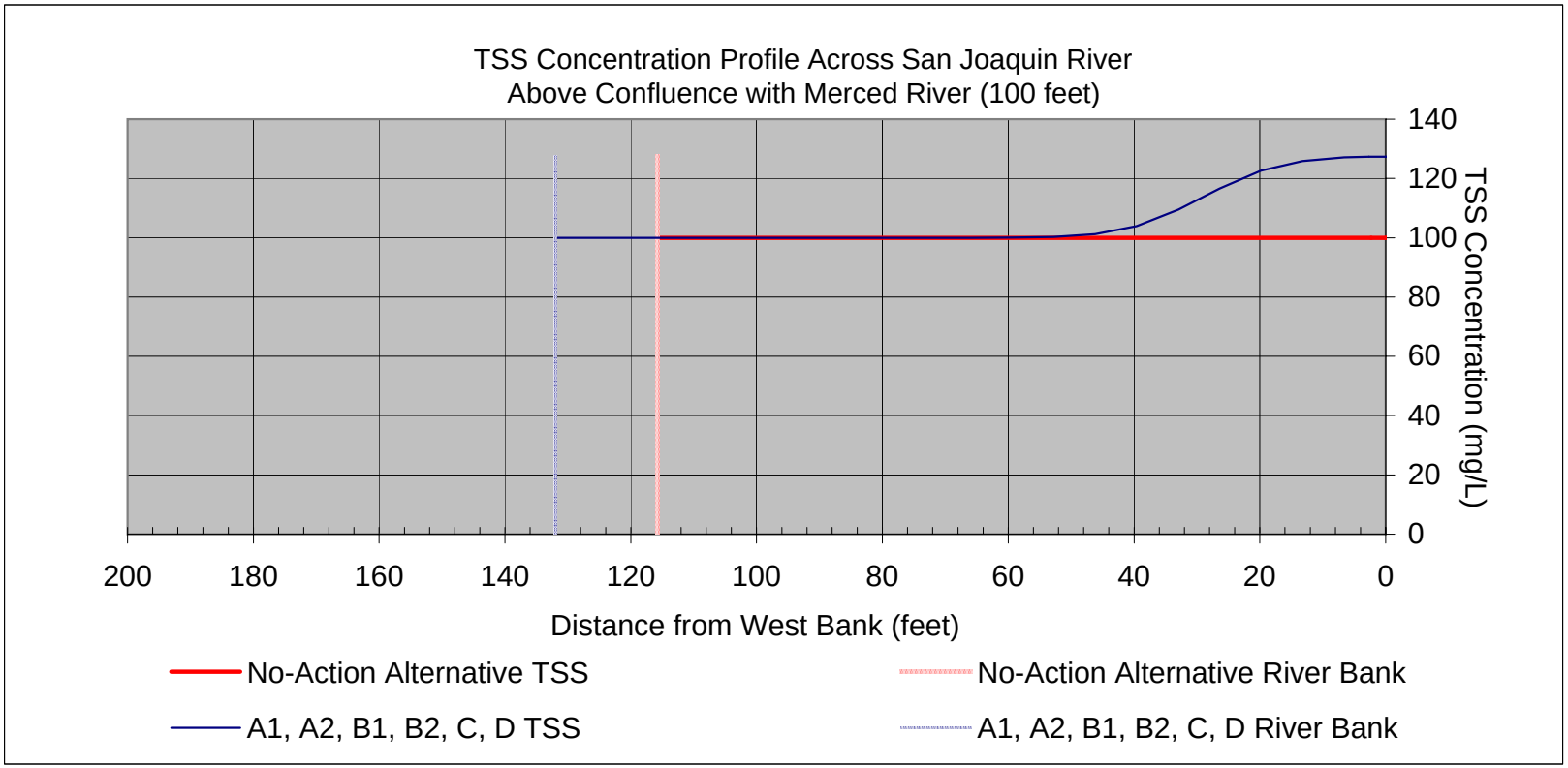
Critical May-P 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	450	132	79	5	130	79
Alternative B2	450	132	79	5	130	79
Alternative C	476	132	79	5	129	79
Alternative D	476	132	79	5	129	79



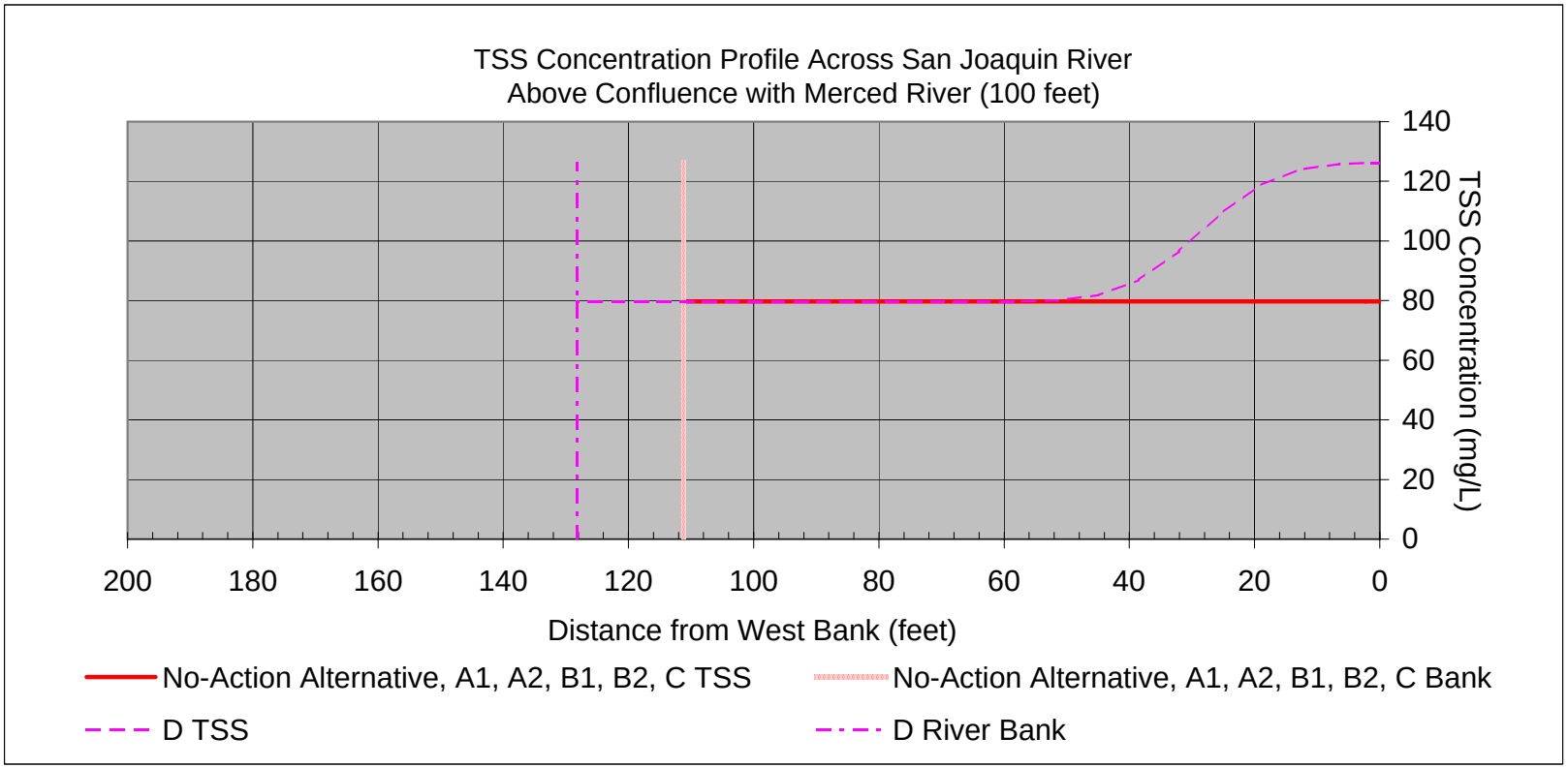
Critical May 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	516	132	79	5	129	79
Alternative B1	0	0	79	5	79	79
Alternative B2	516	132	79	5	129	79
Alternative C	516	132	79	5	129	79
Alternative D	503	132	79	5	129	79



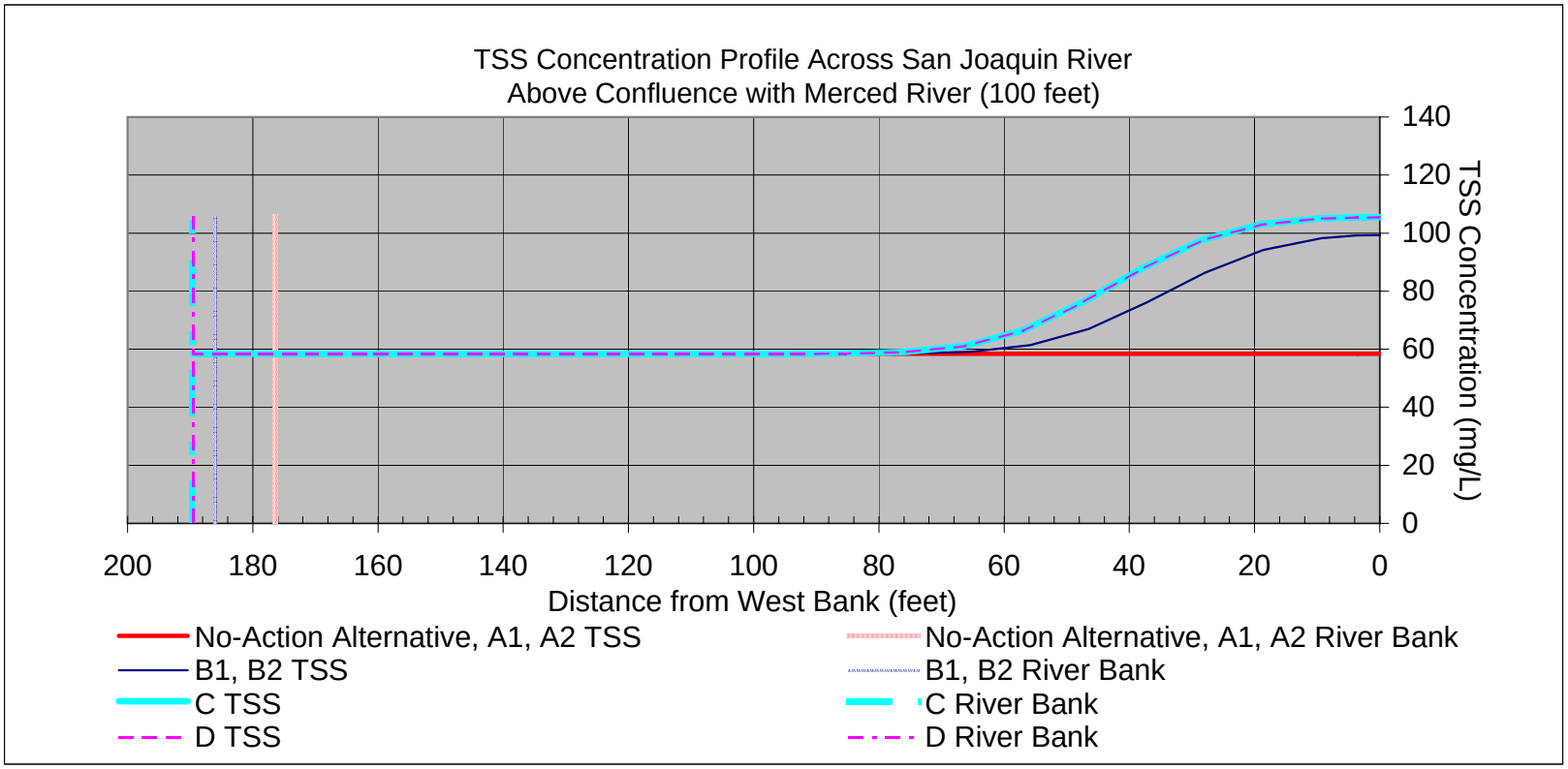
Critical June 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	164	131	100	8	127	100
Alternative A2	164	131	100	8	127	100
Alternative B1	164	131	100	8	127	100
Alternative B2	164	131	100	8	127	100
Alternative C	164	131	100	8	127	100
Alternative D	164	131	100	8	127	100



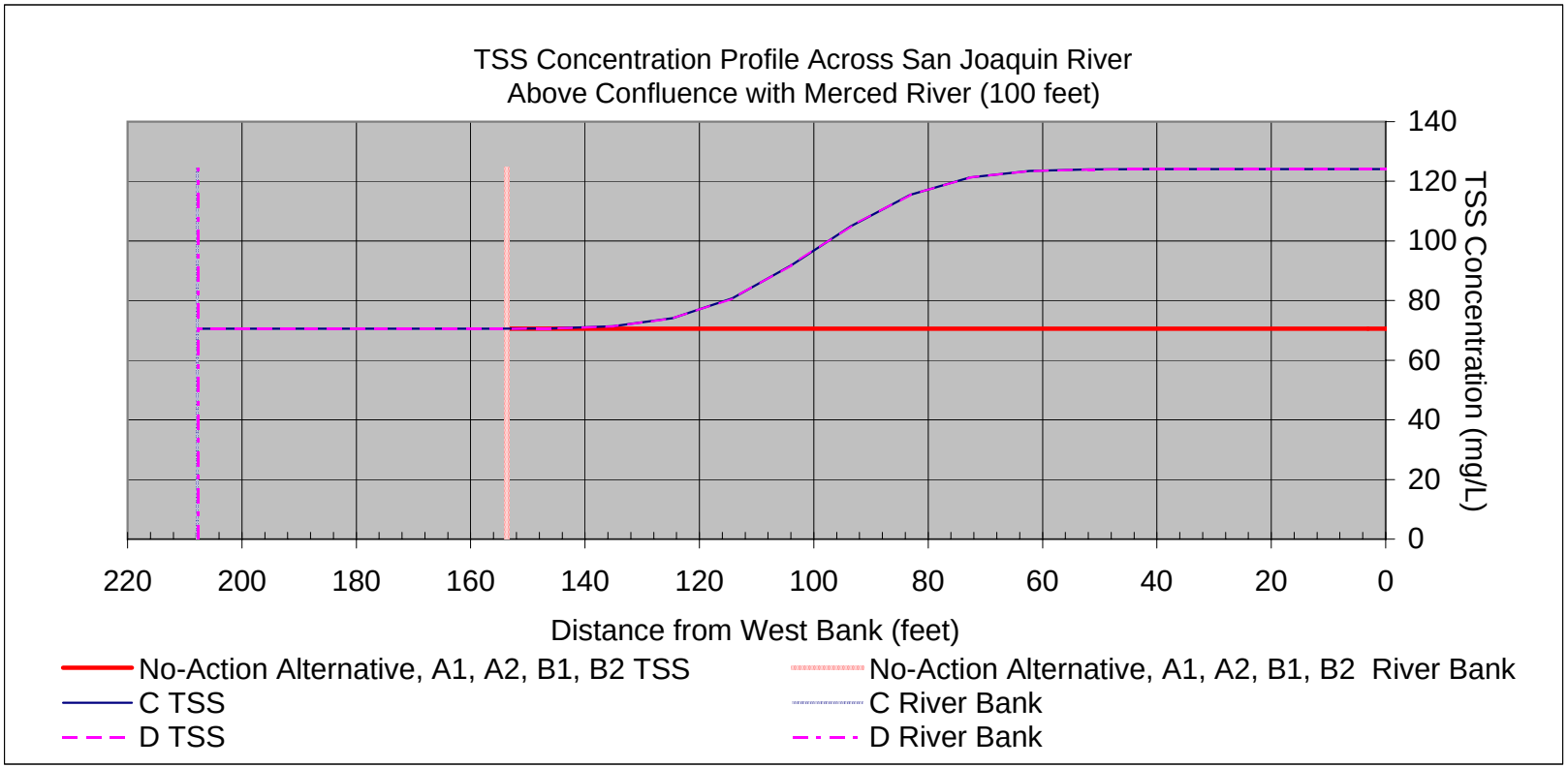
Critical Oct 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	80	12	80	80
Alternative A1	0	0	80	12	80	80
Alternative A2	0	0	80	12	80	80
Alternative B1	0	0	80	12	80	80
Alternative B2	0	0	80	12	80	80
Alternative C	0	0	80	12	80	80
Alternative D	155	131	80	12	126	80



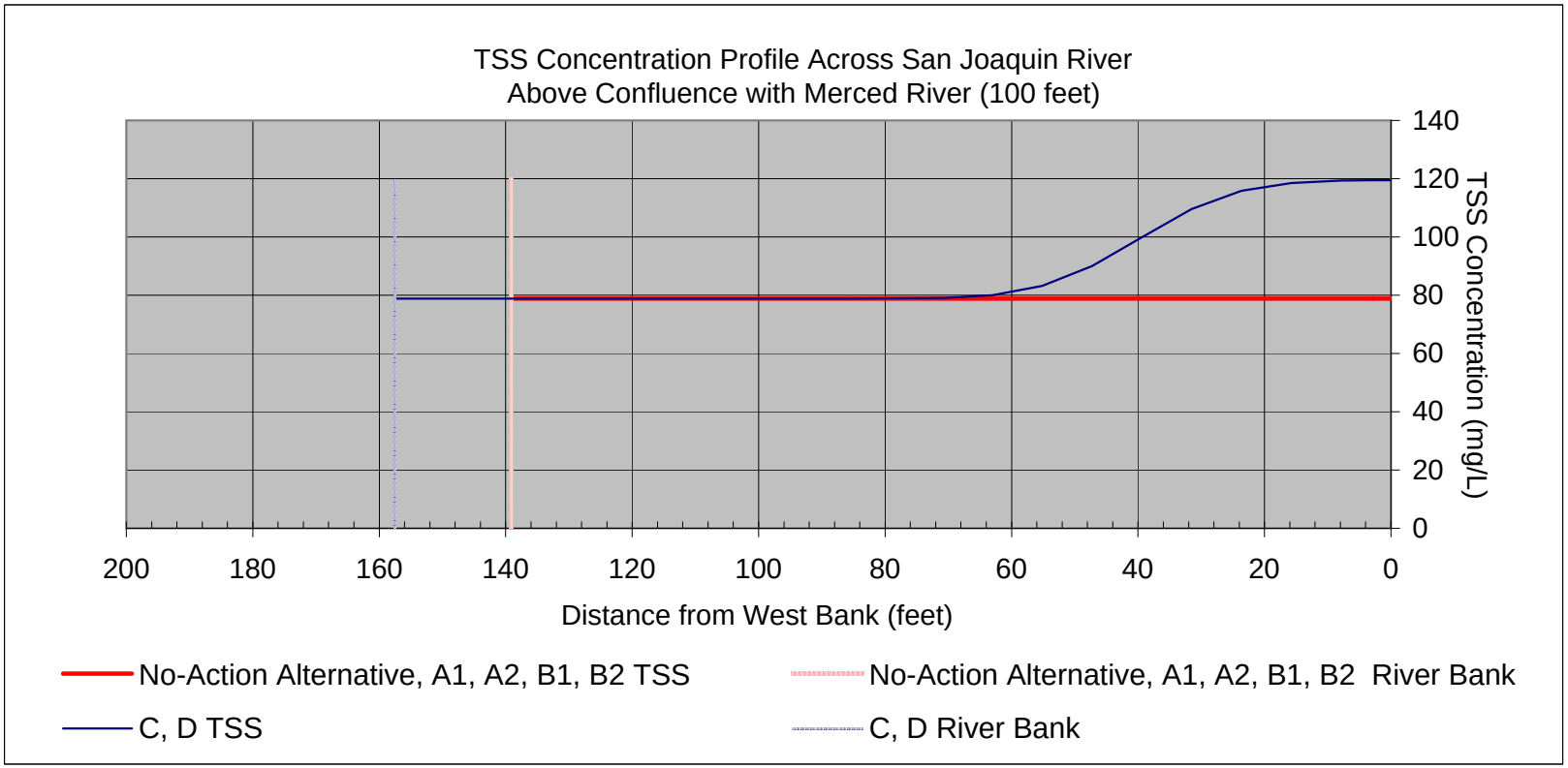
Wet March 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	332	132	58	11	99	58
Alternative B2	332	132	58	11	99	58
Alternative C	471	132	58	11	106	58
Alternative D	469	132	58	11	106	58



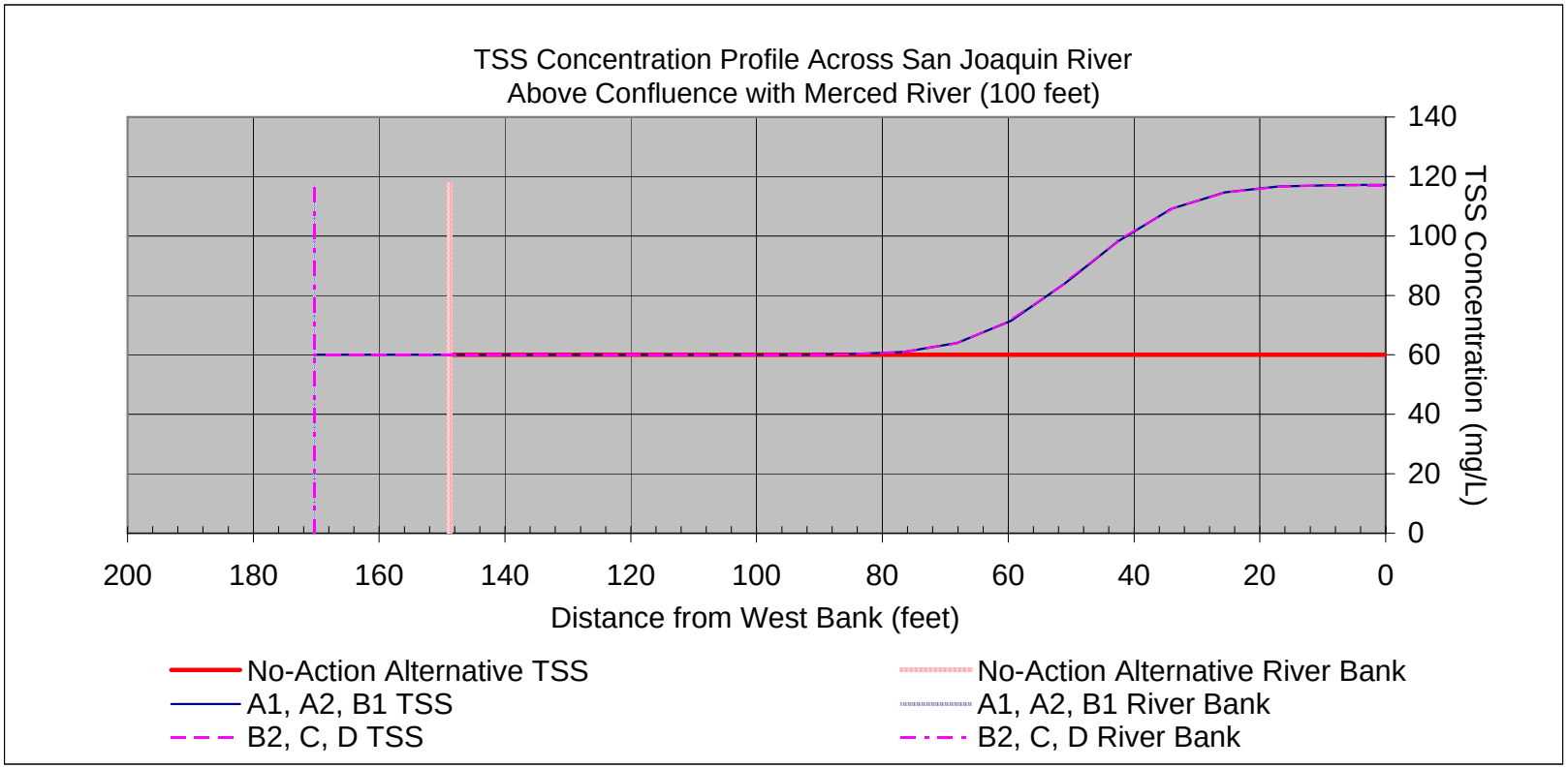
Wet April 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	1908	132	71	14	124	71
Alternative D	1907	132	71	14	124	71



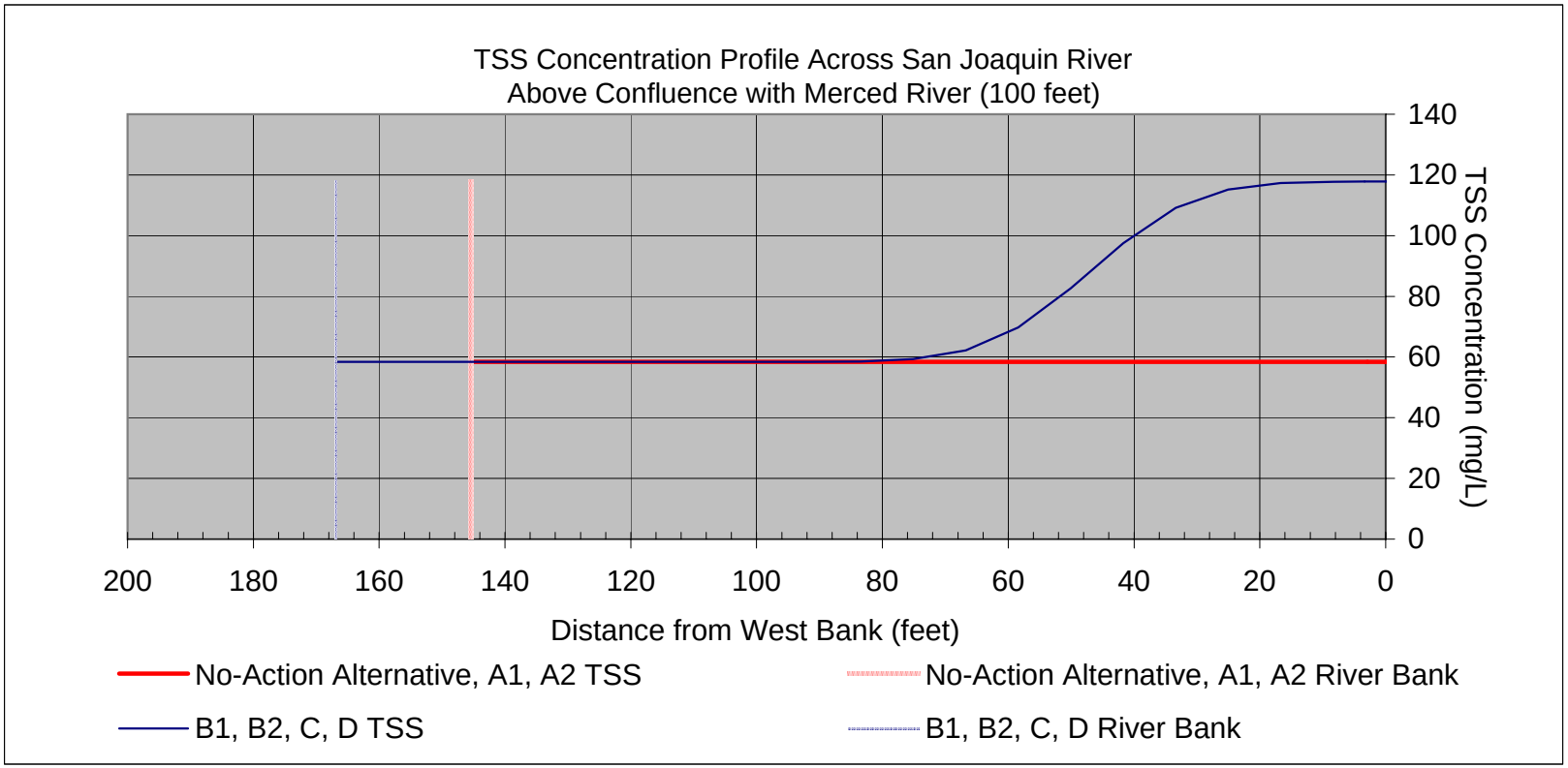
Wet May 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	335	132	79	5	119	79
Alternative D	335	132	79	5	119	79



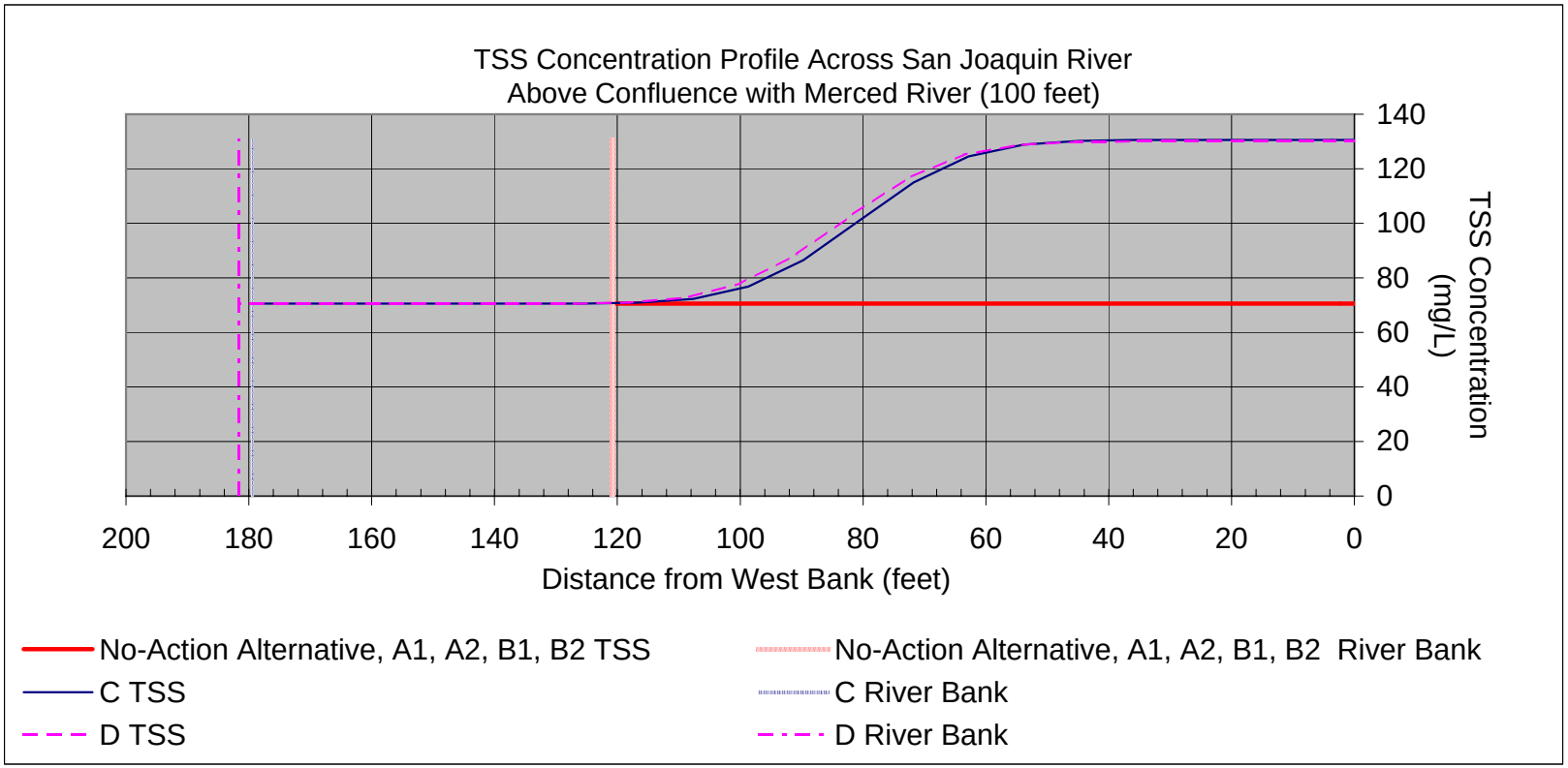
Dry Feb 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	60	60
Alternative A1	494	132	60	15	117	60
Alternative A2	494	132	60	15	117	60
Alternative B1	494	132	60	15	117	60
Alternative B2	495	132	60	15	117	60
Alternative C	495	132	60	15	117	60
Alternative D	495	132	60	15	117	60



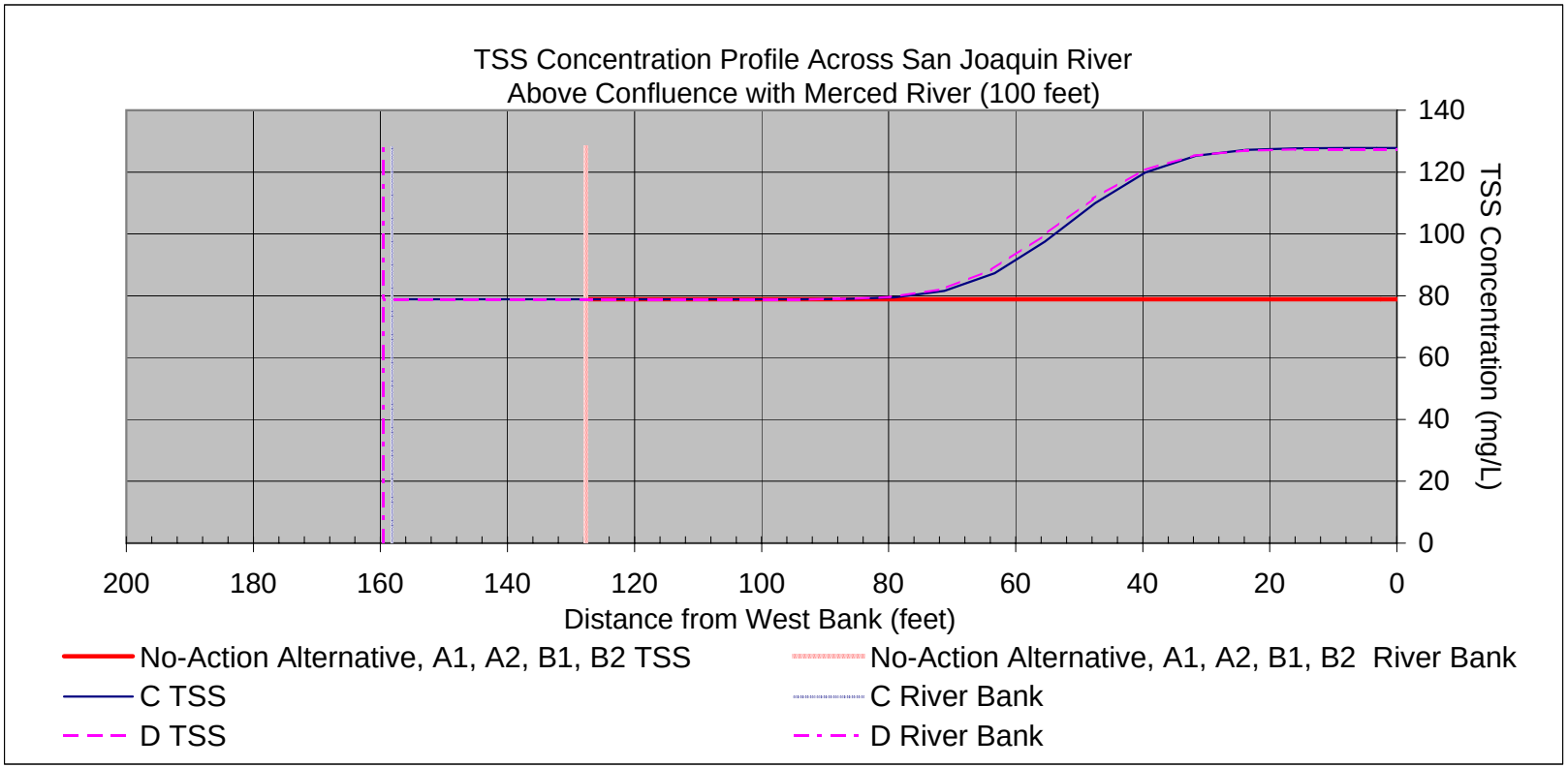
Dry March 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	462	132	58	11	118	58
Alternative B2	462	132	58	11	118	58
Alternative C	462	132	58	11	118	58
Alternative D	462	132	58	11	118	58



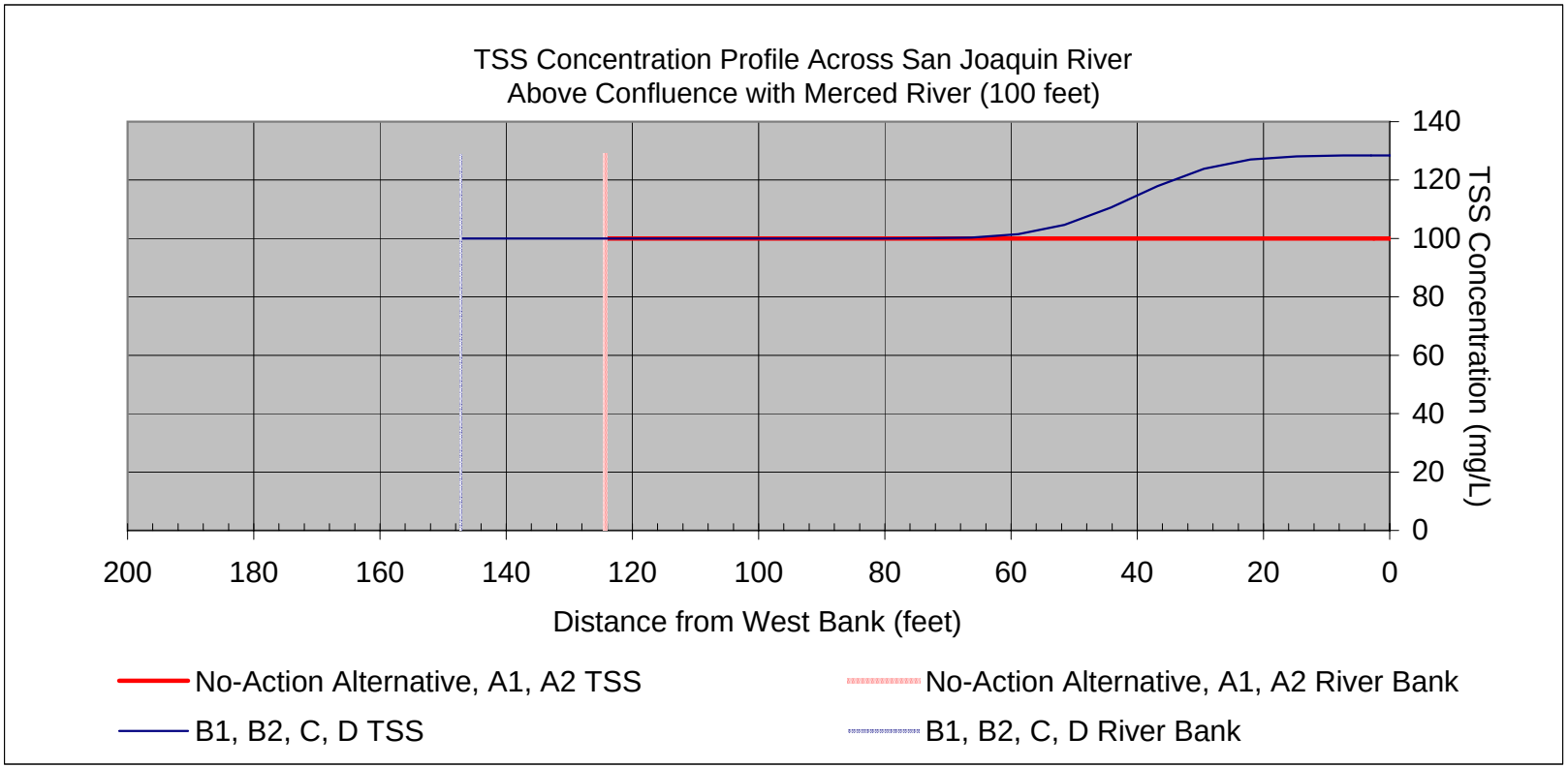
Dry April 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	1150	132	71	14	131	71
Alternative D	1224	132	71	14	130	71



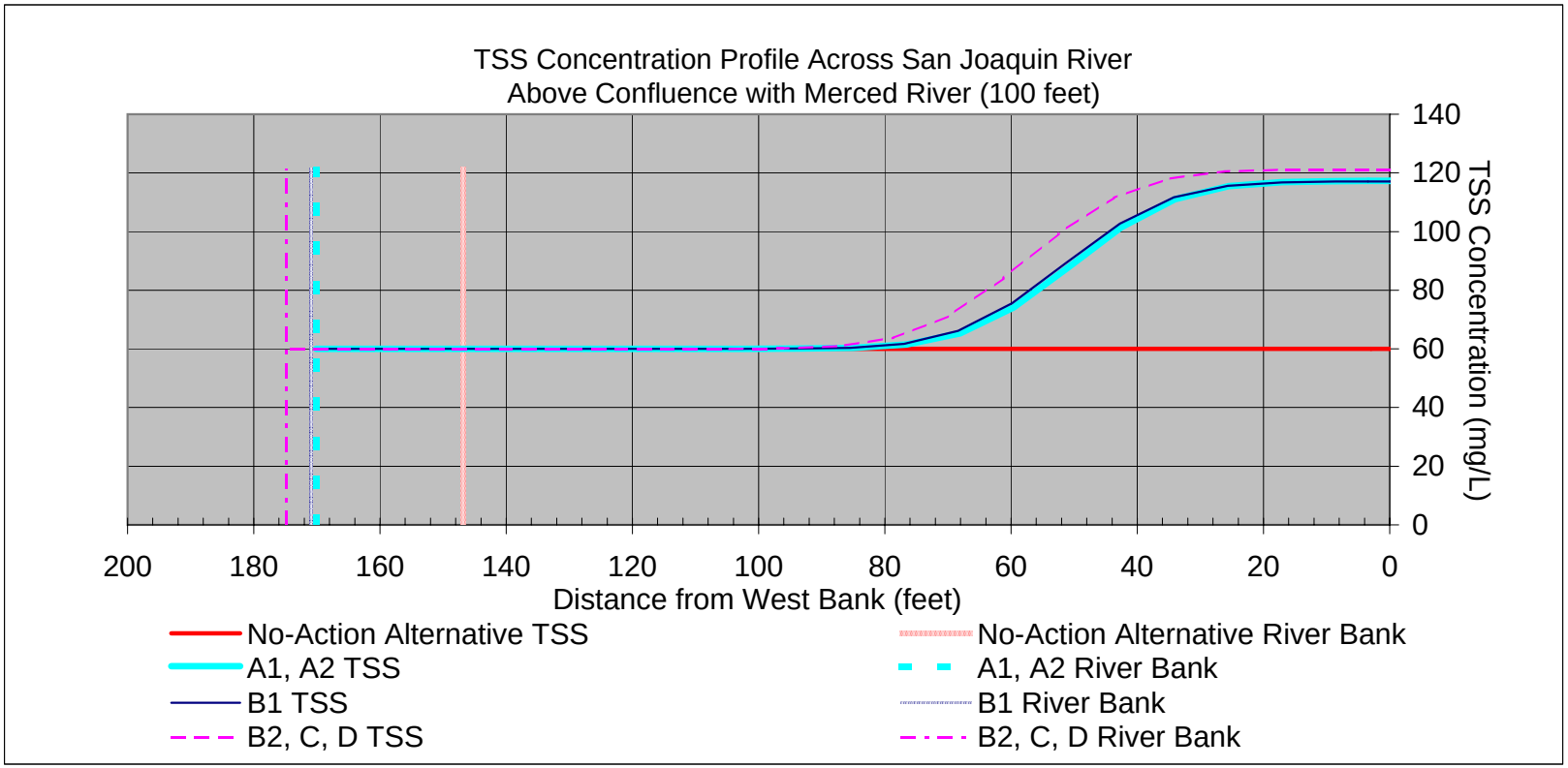
Dry May 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	497	132	79	5	128	79
Alternative D	525	132	79	5	127	79



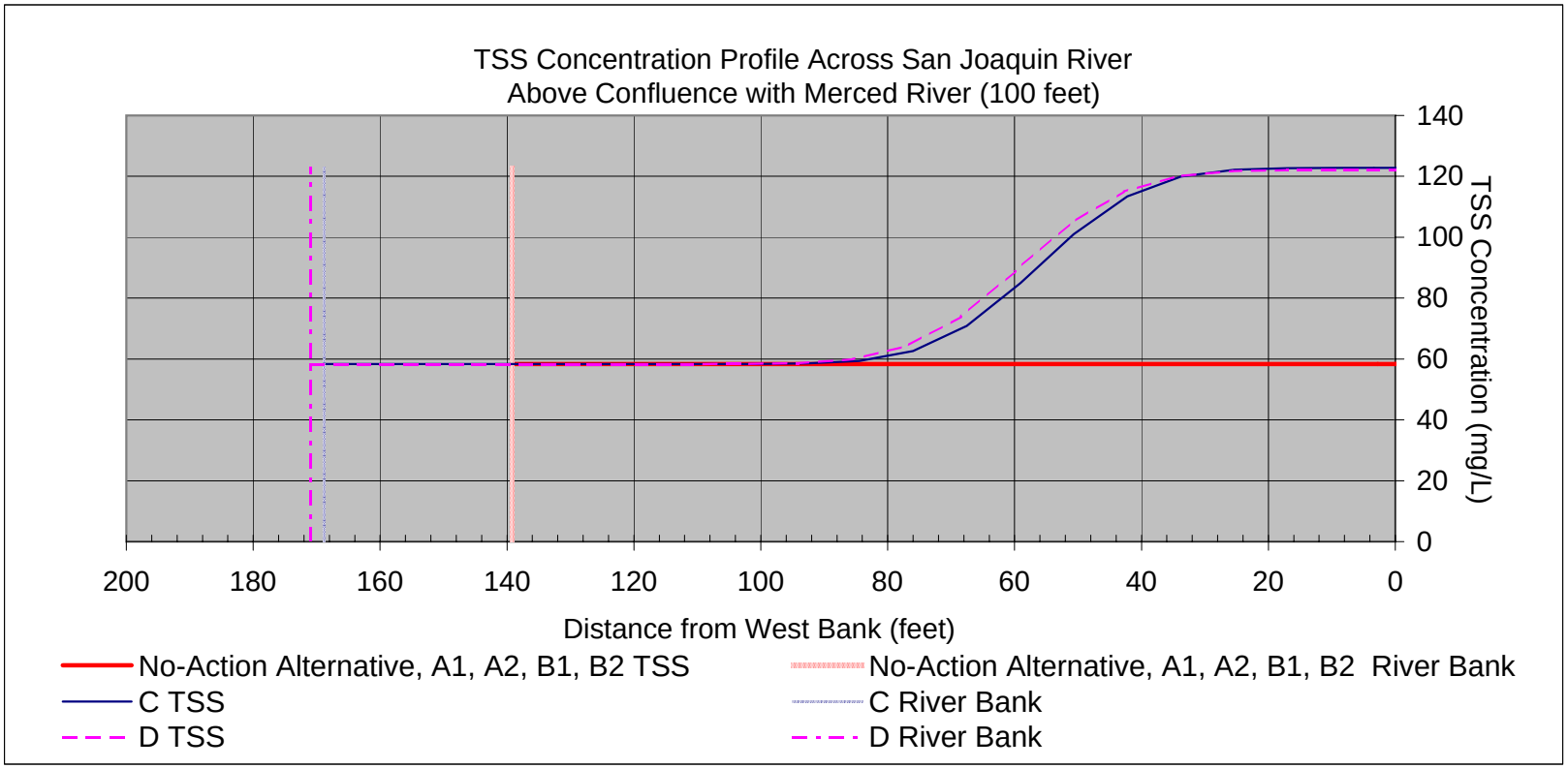
Dry June 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	0	0	100	8	100	100
Alternative A2	0	0	100	8	100	100
Alternative B1	313	132	100	8	128	100
Alternative B2	313	132	100	8	128	100
Alternative C	313	132	100	8	128	100
Alternative D	313	132	100	8	128	100



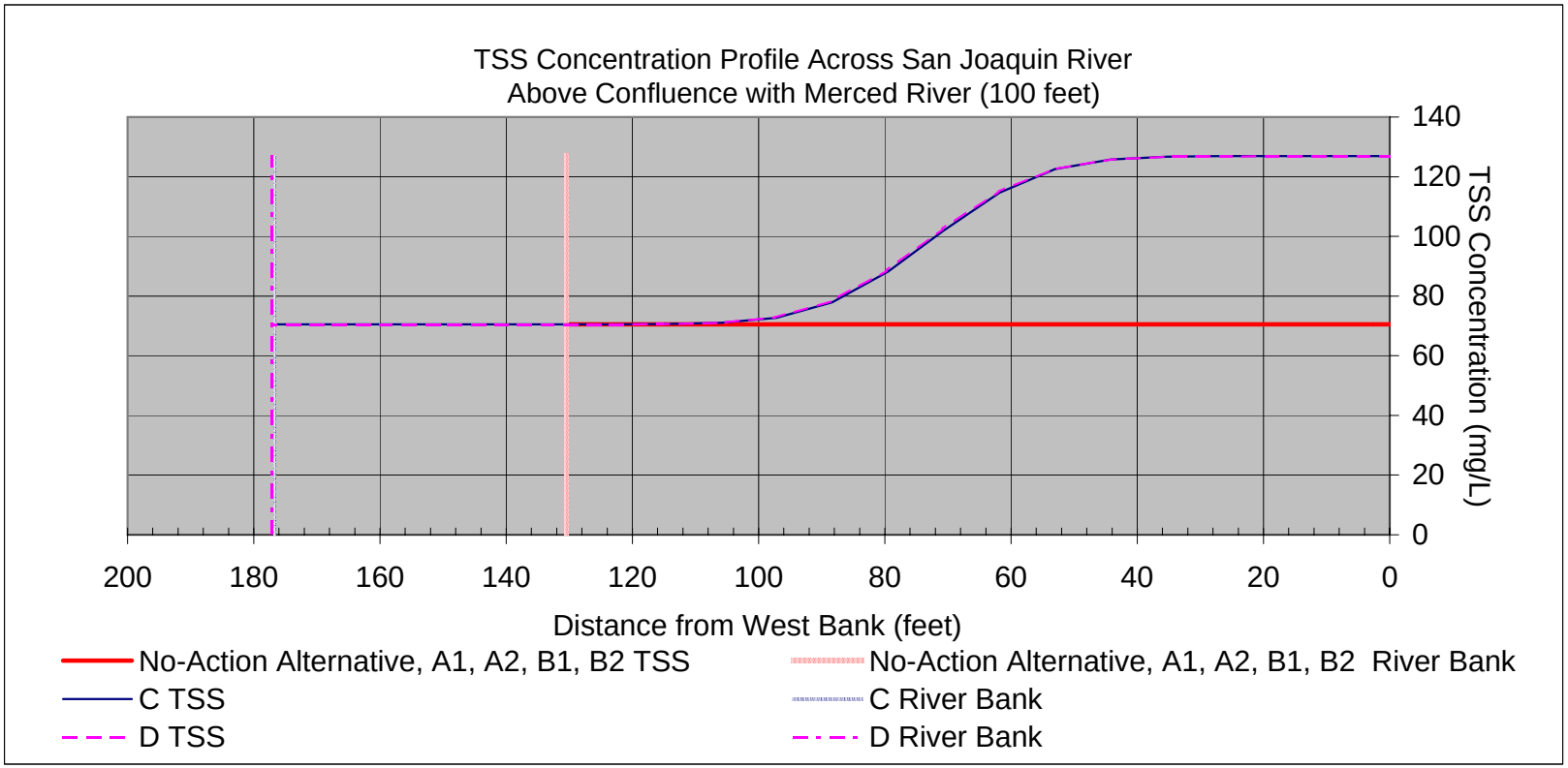
Below Normal Feb 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	60	60
Alternative A1	526	132	60	15	117	60
Alternative A2	526	132	60	15	117	60
Alternative B1	550	132	60	15	117	60
Alternative B2	663	132	60	15	121	60
Alternative C	663	132	60	15	121	60
Alternative D	663	132	60	15	121	60



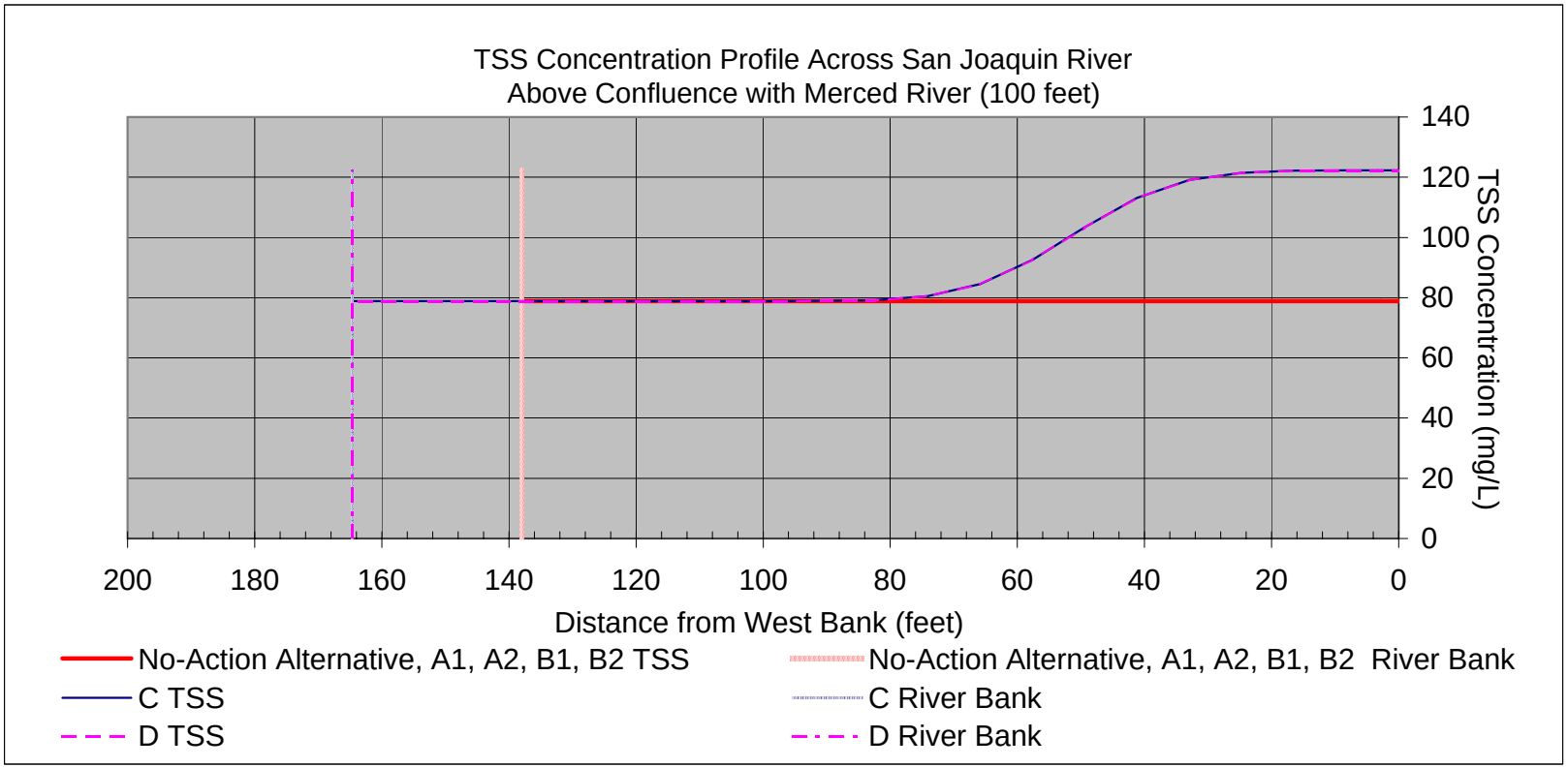
Below Normal March 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	0	0	58	11	58	58
Alternative B2	0	0	58	11	58	58
Alternative C	613	132	58	11	123	58
Alternative D	674	132	58	11	122	58



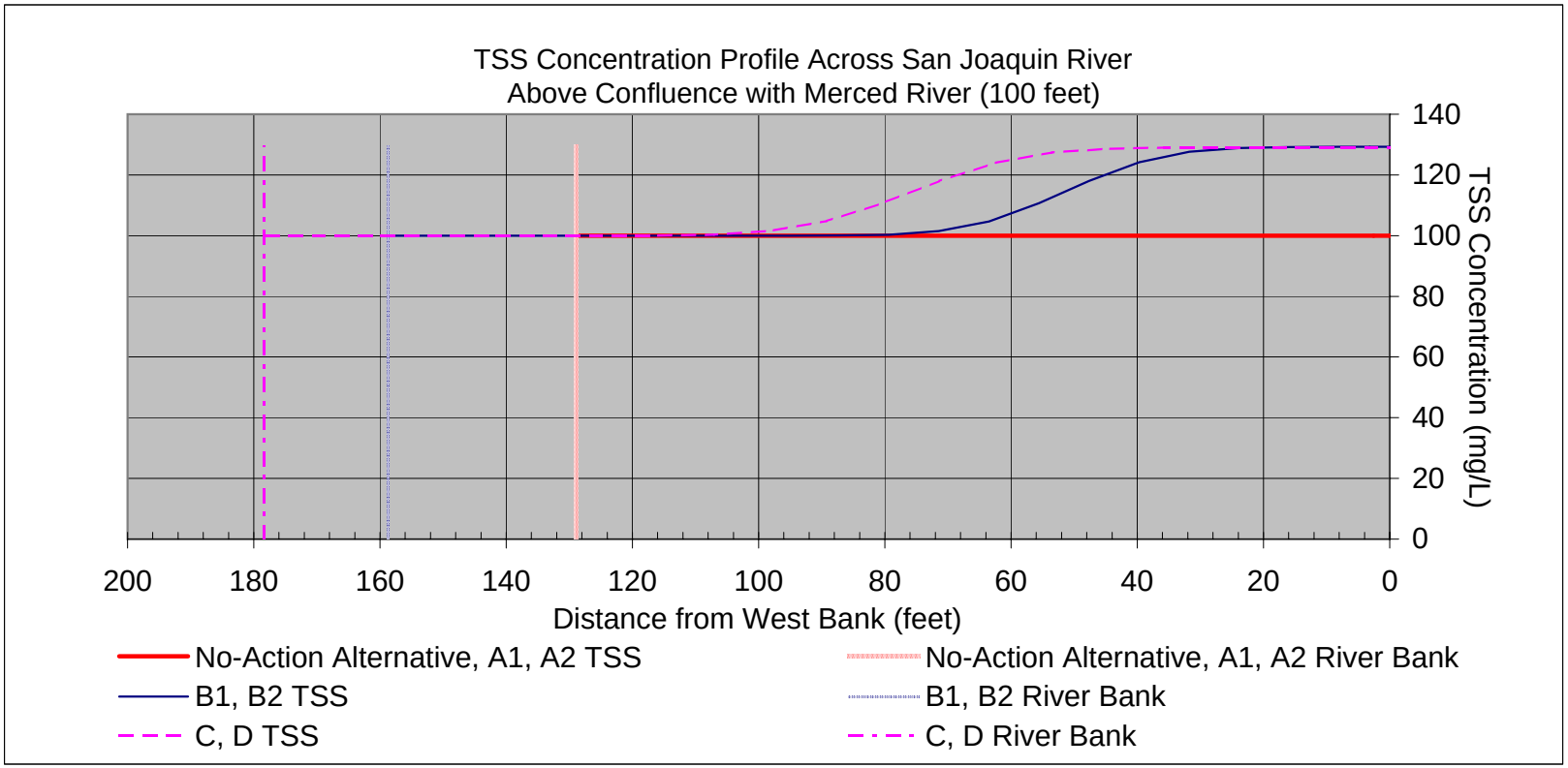
Below Normal April 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	960	132	71	14	127	71
Alternative D	973	132	71	14	127	71



Below Normal May 2003

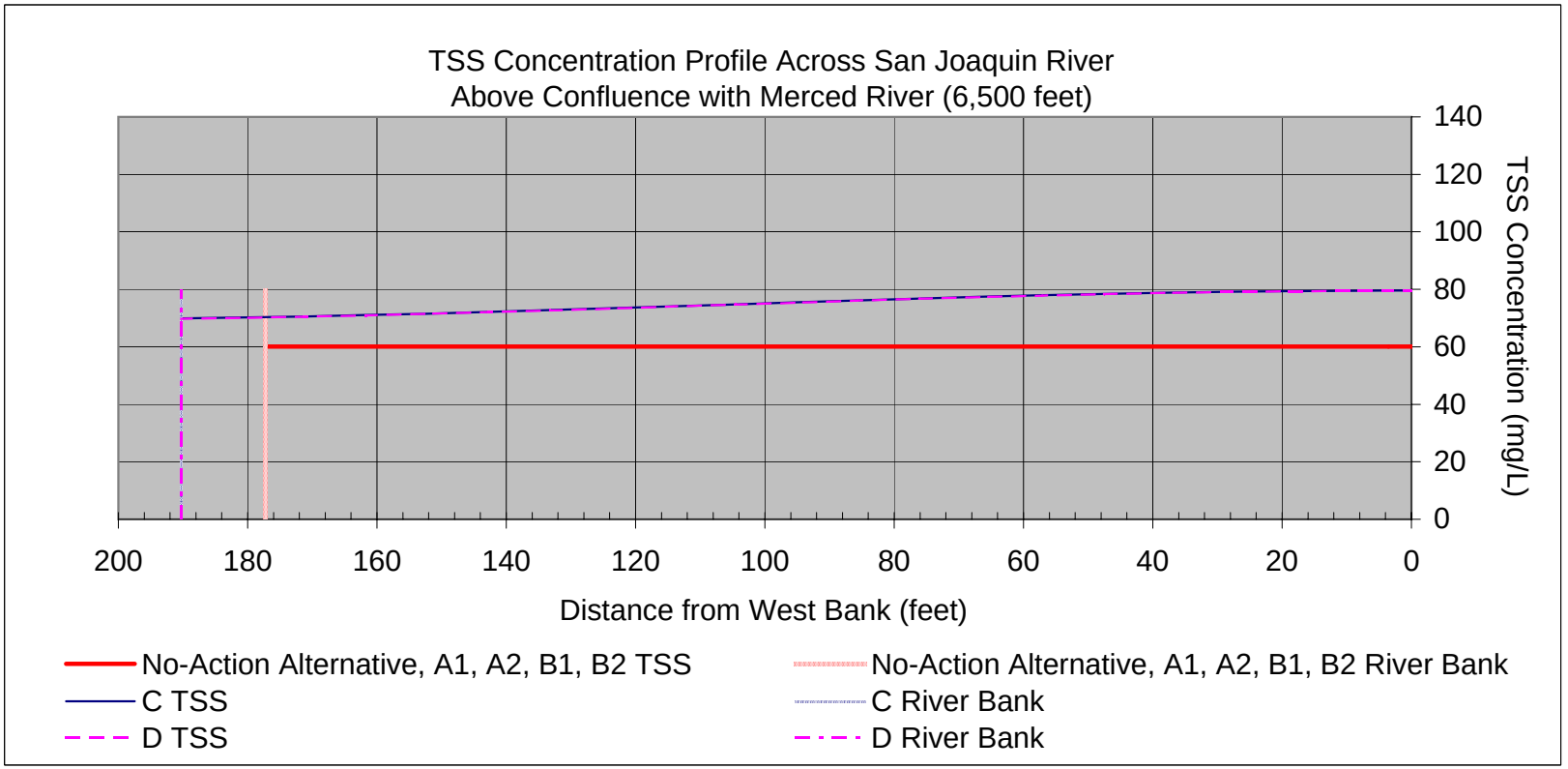
Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	520	132	79	5	122	79
Alternative D	519	132	79	5	122	79



Below Normal June 2003

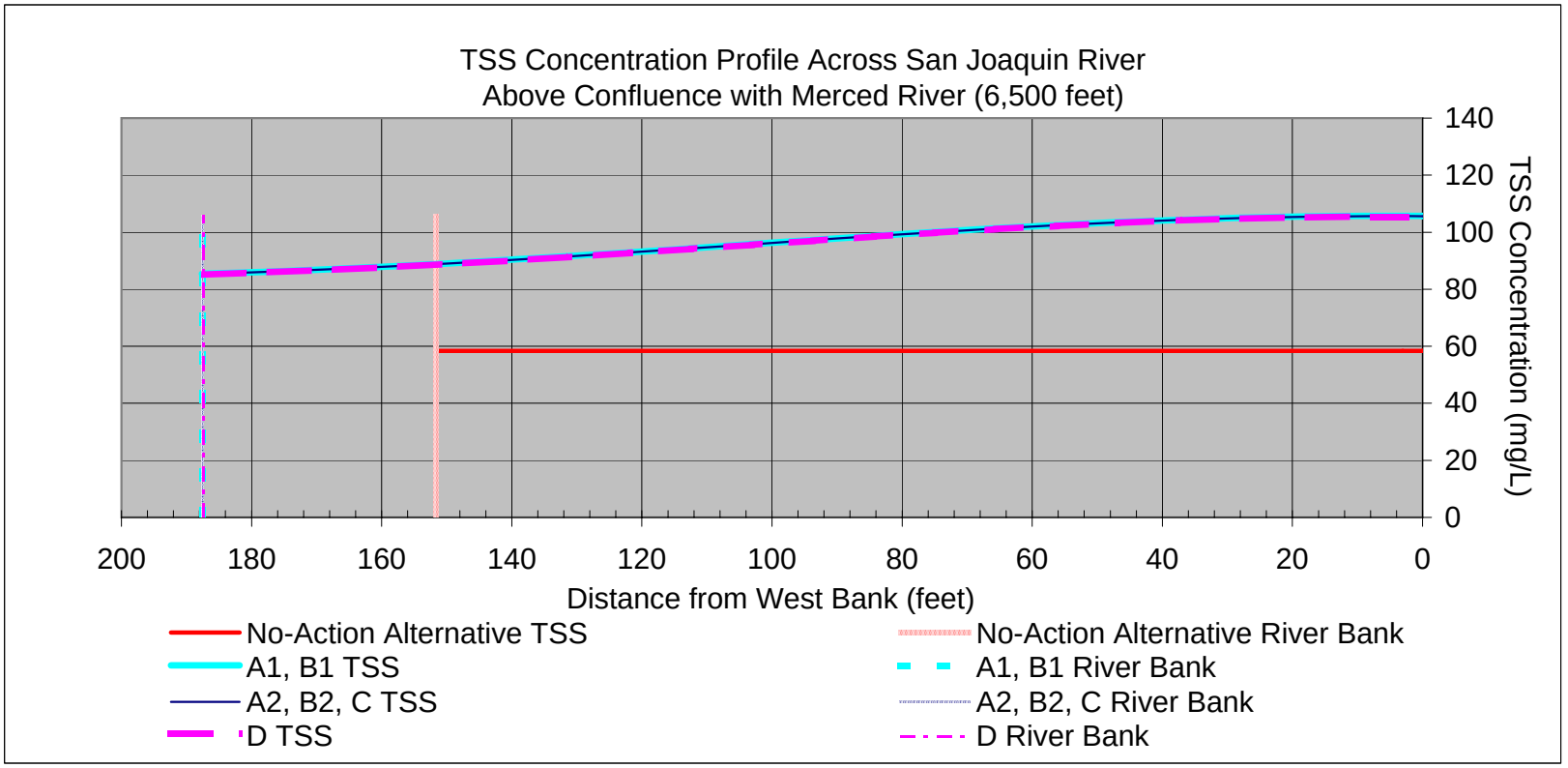
Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 100 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	0	0	100	8	100	100
Alternative A2	0	0	100	8	100	100
Alternative B1	493	132	100	8	129	100
Alternative B2	493	132	100	8	129	100
Alternative C	1032	132	100	8	129	100
Alternative D	1032	132	100	8	129	100

San Joaquin River Lateral TSS Concentration Results Figures
6,500 feet



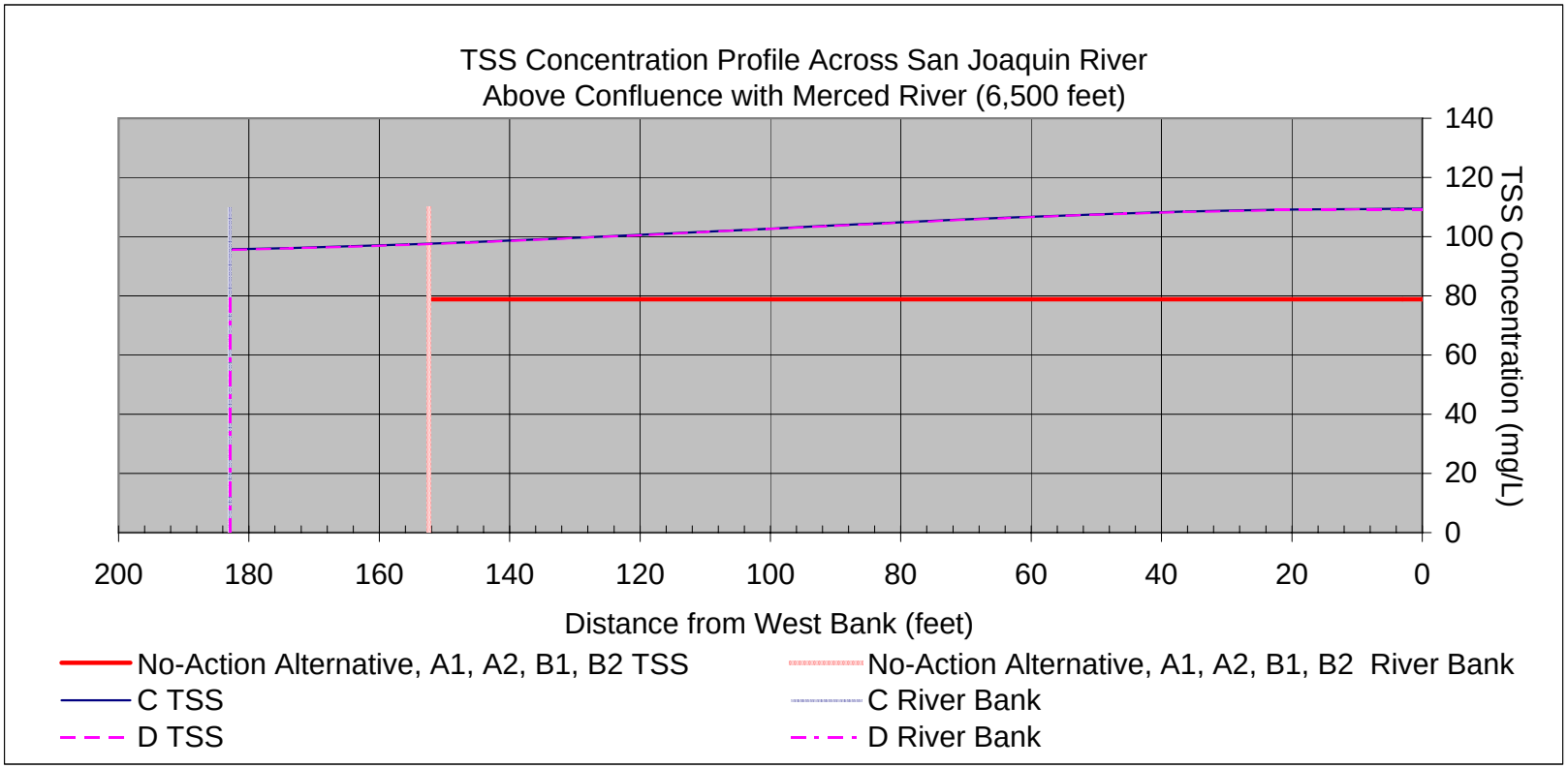
Above Normal Feb 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	60	60
Alternative A1	0	0	60	15	60	60
Alternative A2	0	0	60	15	60	60
Alternative B1	0	0	60	15	60	60
Alternative B2	0	0	60	15	60	60
Alternative C	473	132	60	15	80	70
Alternative D	472	132	60	15	80	70



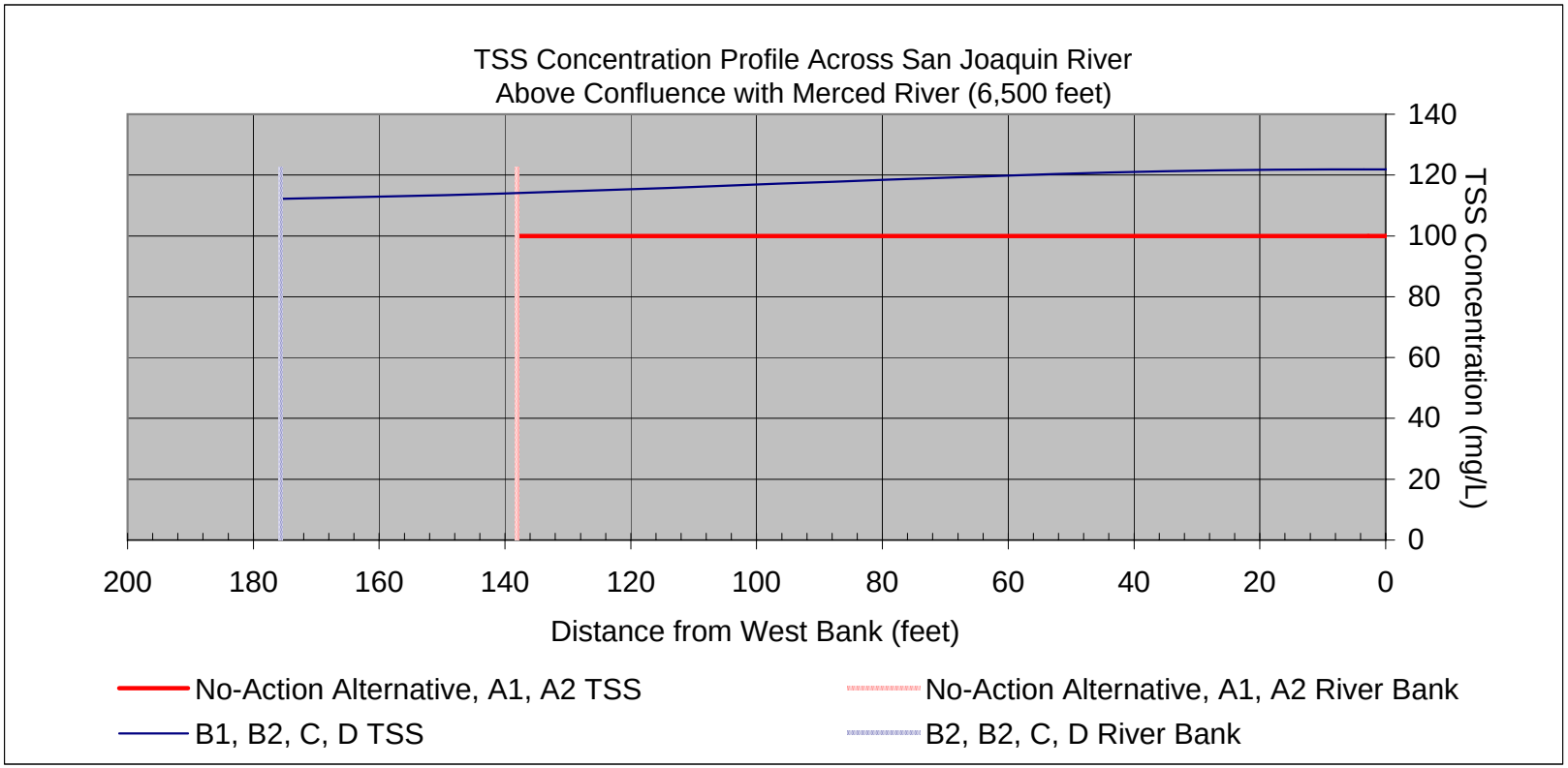
Above Normal March 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	1019	132	58	11	106	85
Alternative A2	1016	132	58	11	106	85
Alternative B1	1019	132	58	11	106	85
Alternative B2	1016	132	58	11	106	85
Alternative C	1016	132	58	11	106	85
Alternative D	1009	132	58	11	105	85



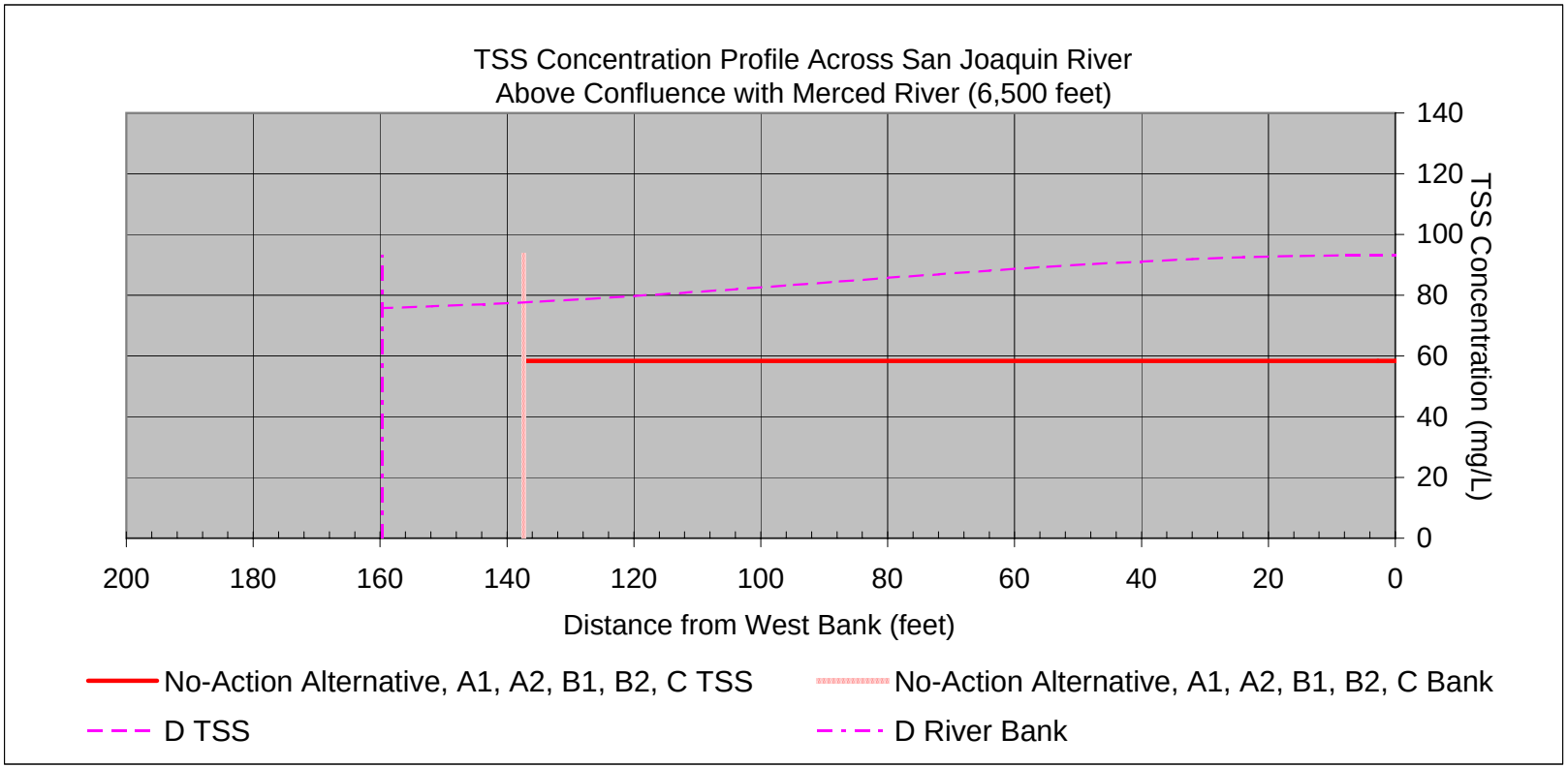
Above Normal May 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	830	132	79	5	109	96
Alternative D	827	132	79	5	109	96



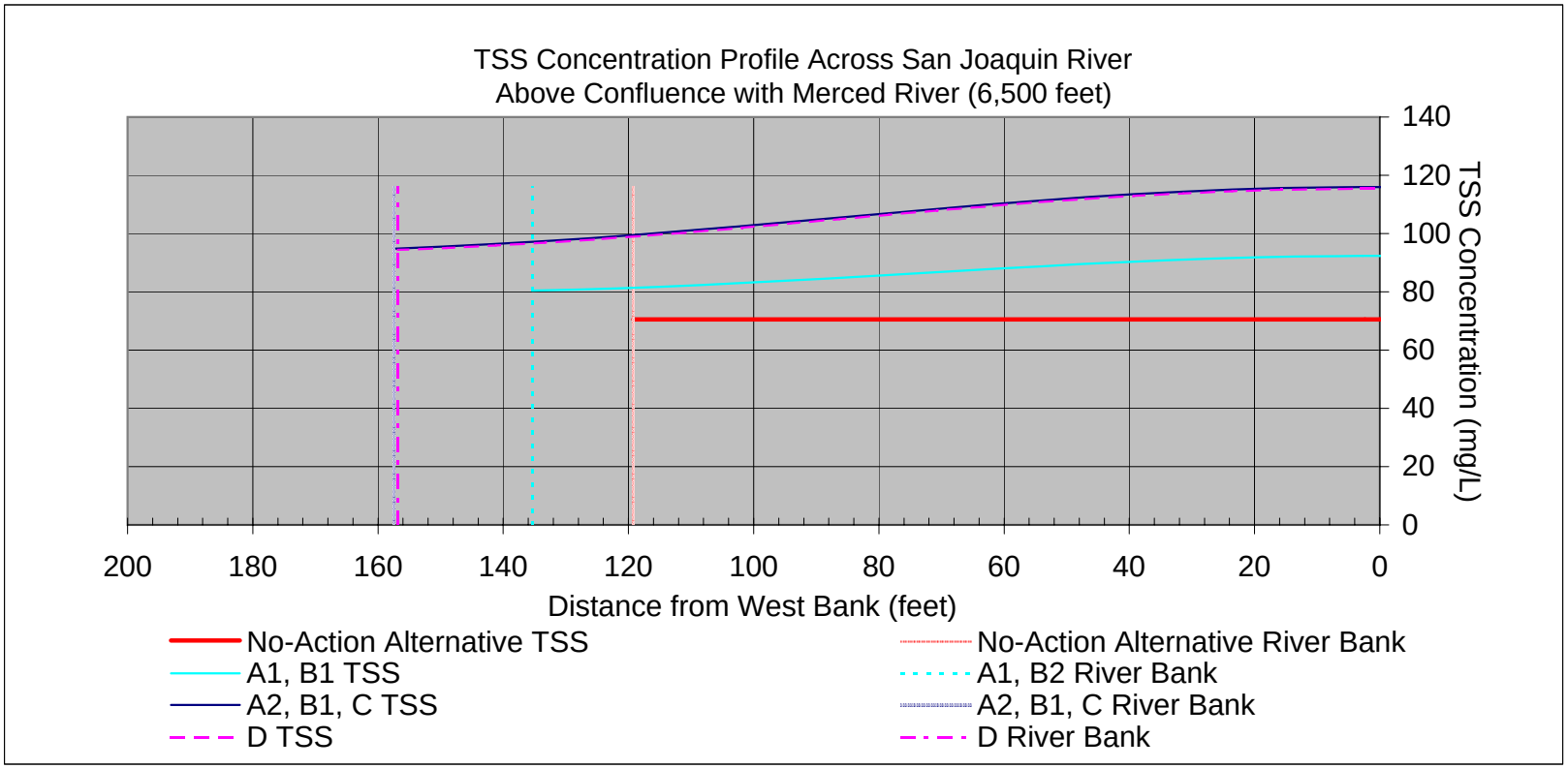
Above Normal June 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	0	0	100	8	100	100
Alternative A2	0	0	100	8	100	100
Alternative B1	828	132	100	8	122	112
Alternative B2	828	132	100	8	122	112
Alternative C	828	132	100	8	122	112
Alternative D	828	132	100	8	122	112



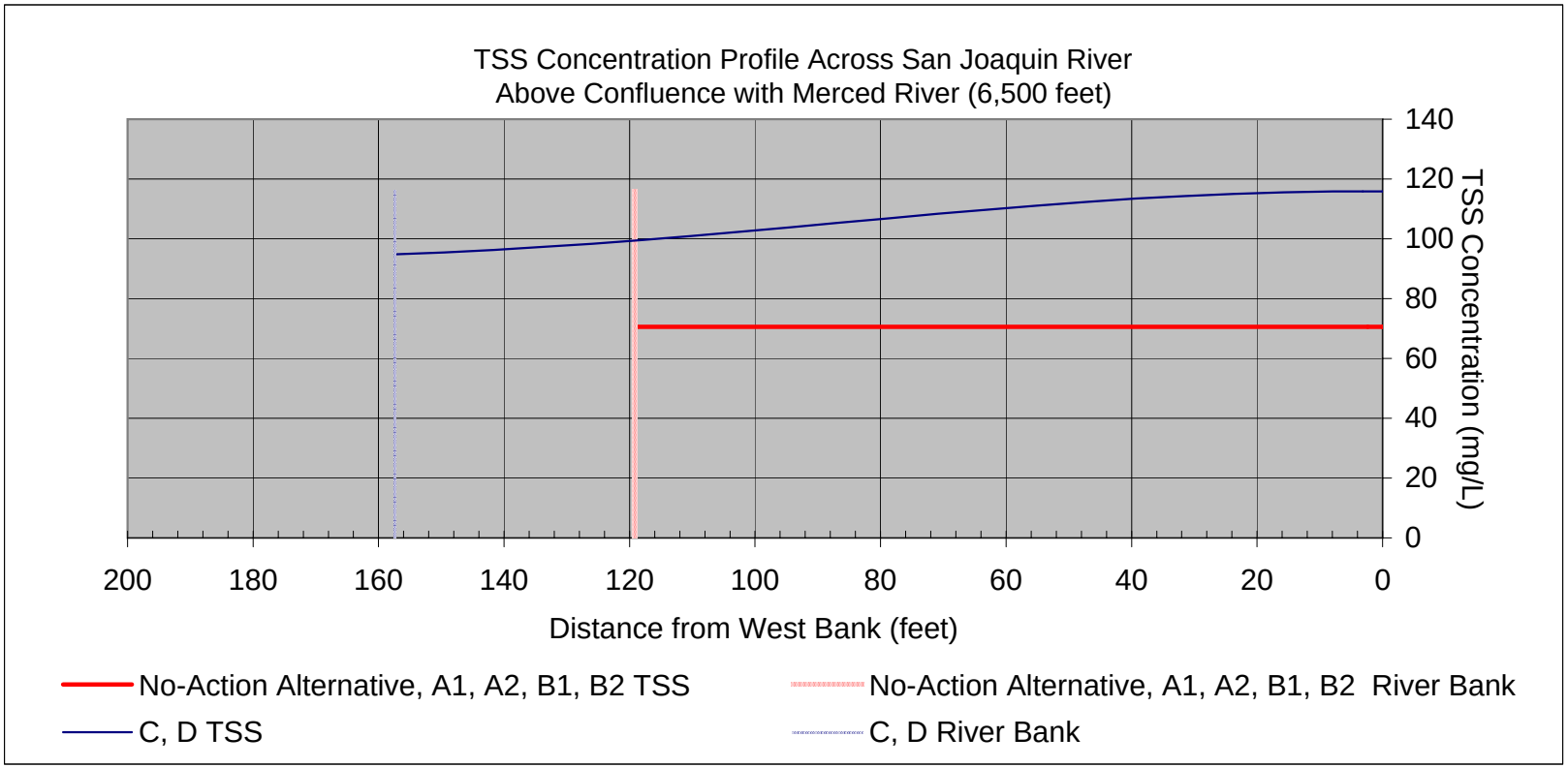
Critical March 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	0	0	58	11	58	58
Alternative B2	0	0	58	11	58	58
Alternative C	0	0	58	11	58	58
Alternative D	408	132	58	11	93	76

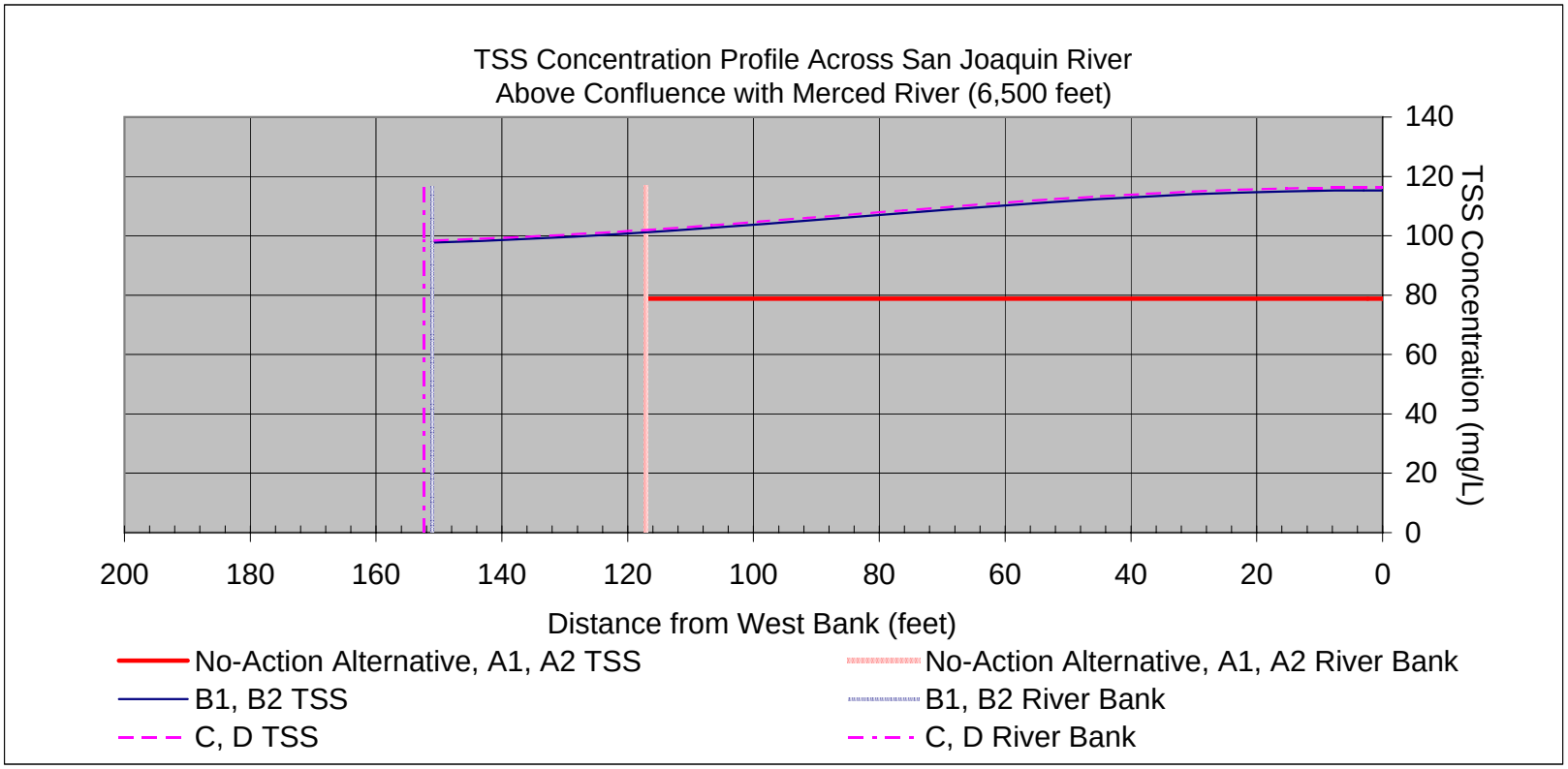


Critical April 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	178	131	71	14	92	80
Alternative A2	564	132	71	14	116	95
Alternative B1	178	131	71	14	92	80
Alternative B2	564	132	71	14	116	95
Alternative C	564	132	71	14	116	95
Alternative D	549	132	71	14	115	94

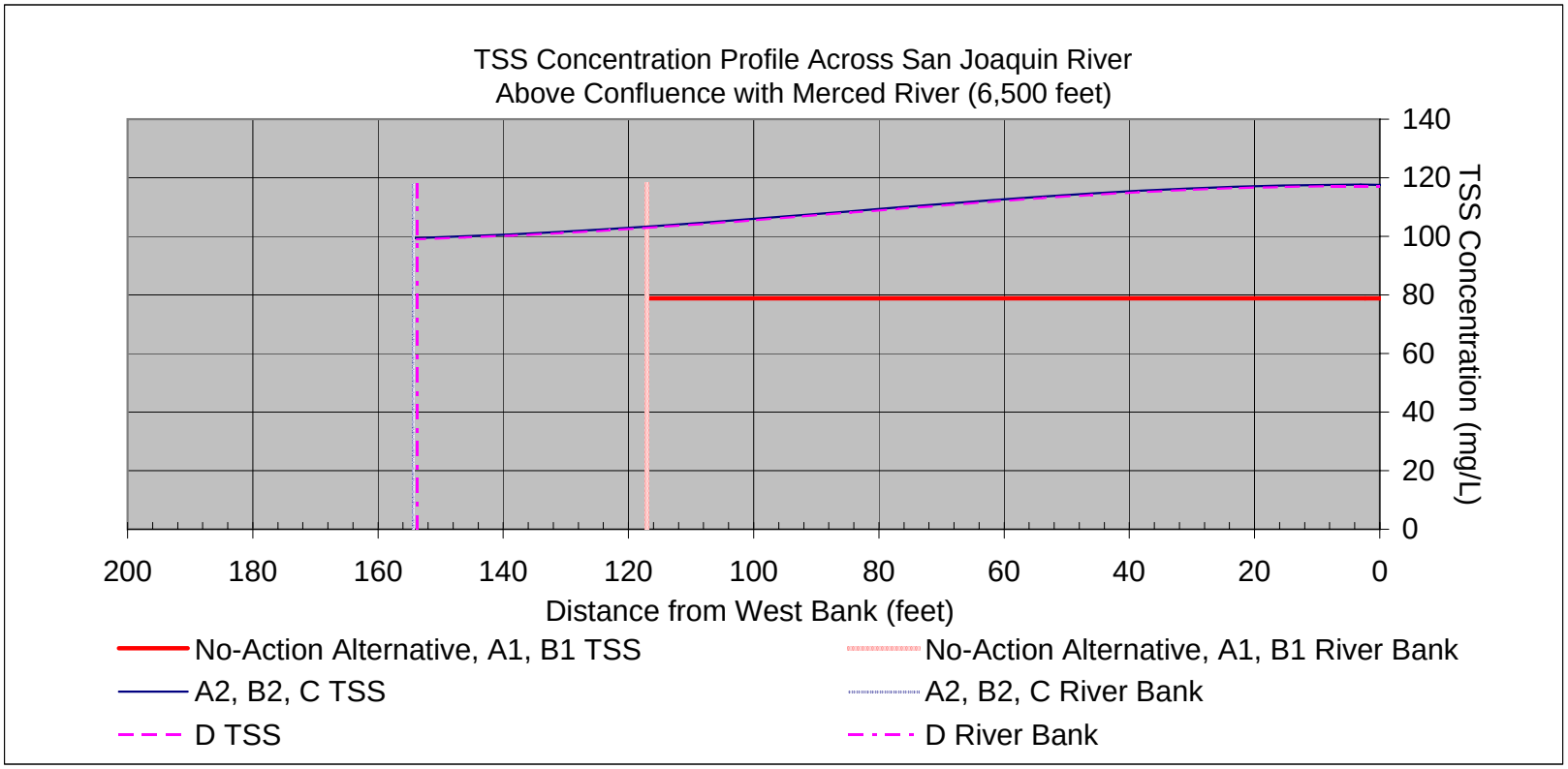


Critical April-P 1992		Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
Scenario	**Recirc. Flow (cfs)**	**SJR at Newman**	**Upstream SJR**	**Merced River**	**West Bank**	**East Bank**
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	562	132	71	14	116	95
Alternative D	562	132	71	14	116	95



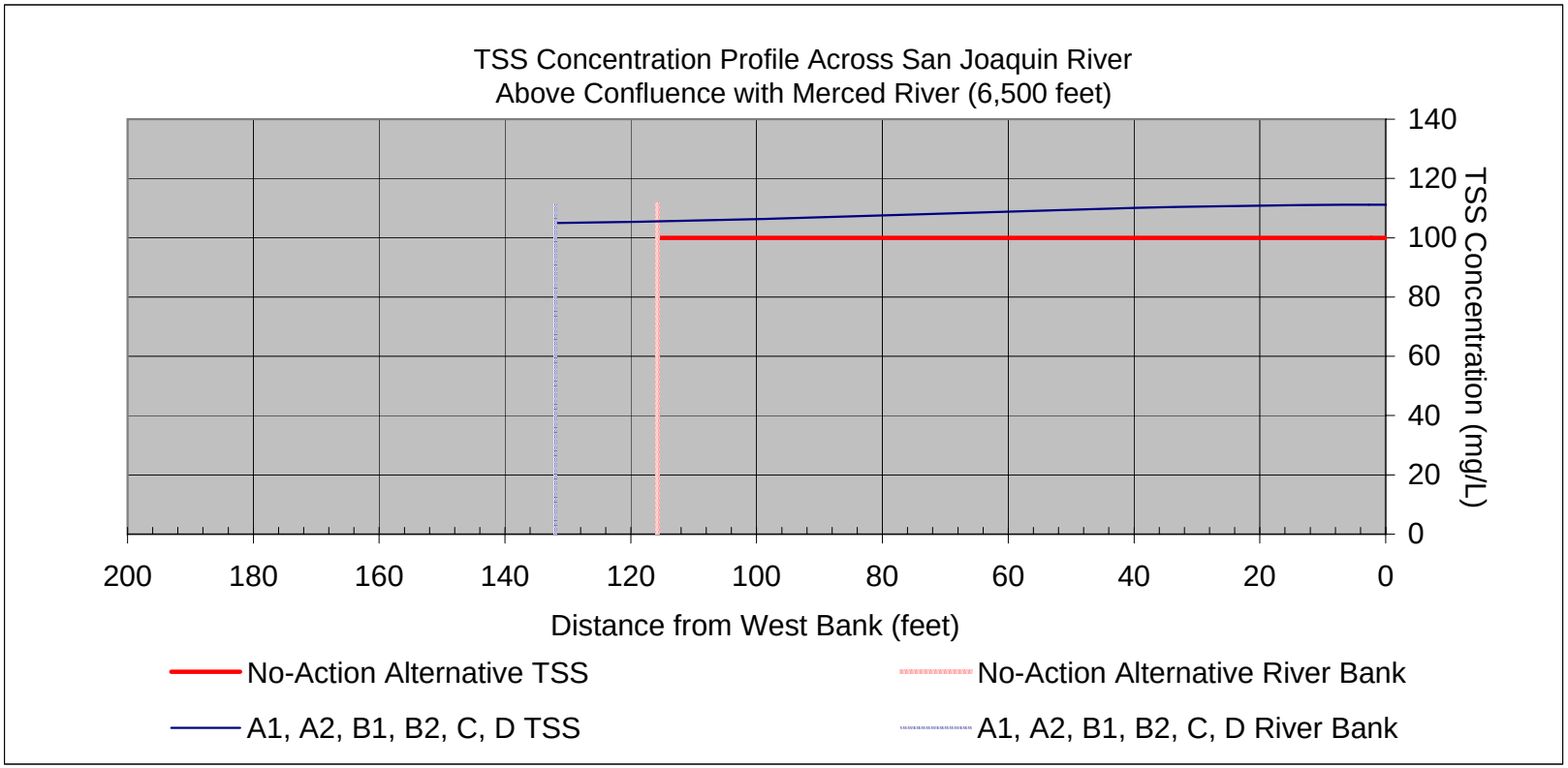
Critical May-P 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	450	132	79	5	115	98
Alternative B2	450	132	79	5	115	98
Alternative C	476	132	79	5	116	98
Alternative D	476	132	79	5	116	98



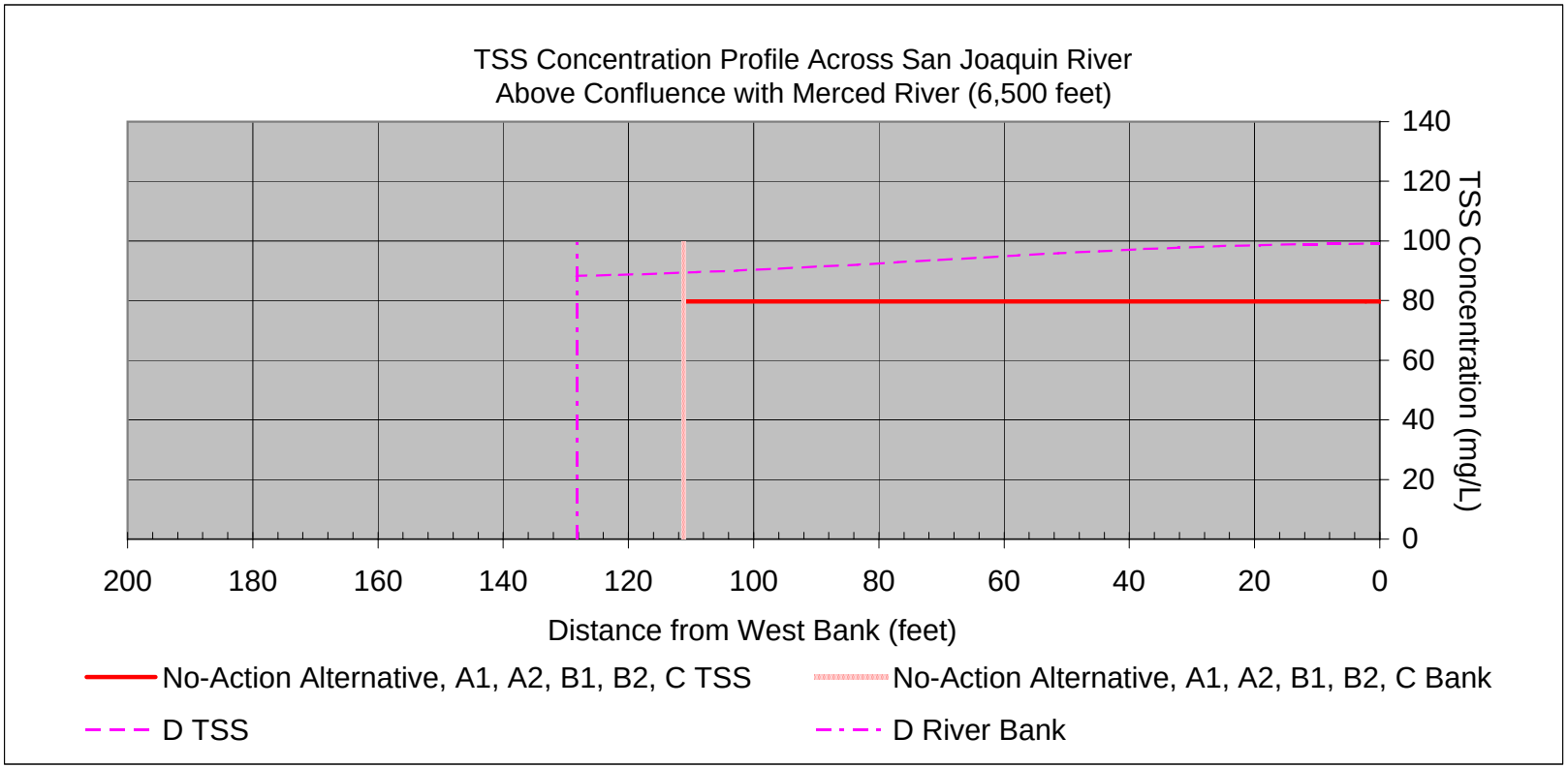
Critical May 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	516	132	79	5	118	99
Alternative B1	0	0	79	5	79	79
Alternative B2	516	132	79	5	118	99
Alternative C	516	132	79	5	118	99
Alternative D	503	132	79	5	117	99



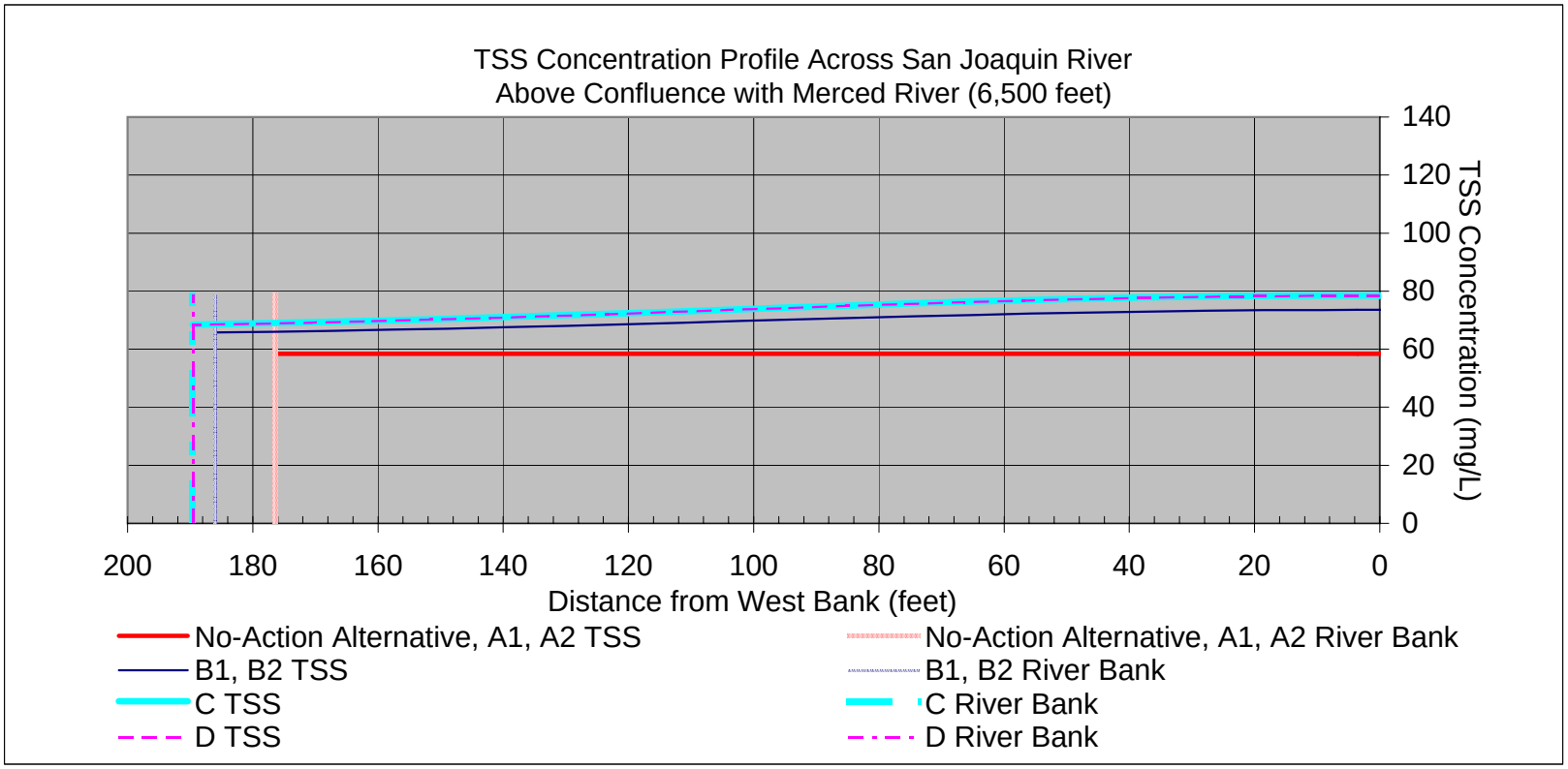
Critical June 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	164	131	100	8	111	105
Alternative A2	164	131	100	8	111	105
Alternative B1	164	131	100	8	111	105
Alternative B2	164	131	100	8	111	105
Alternative C	164	131	100	8	111	105
Alternative D	164	131	100	8	111	105



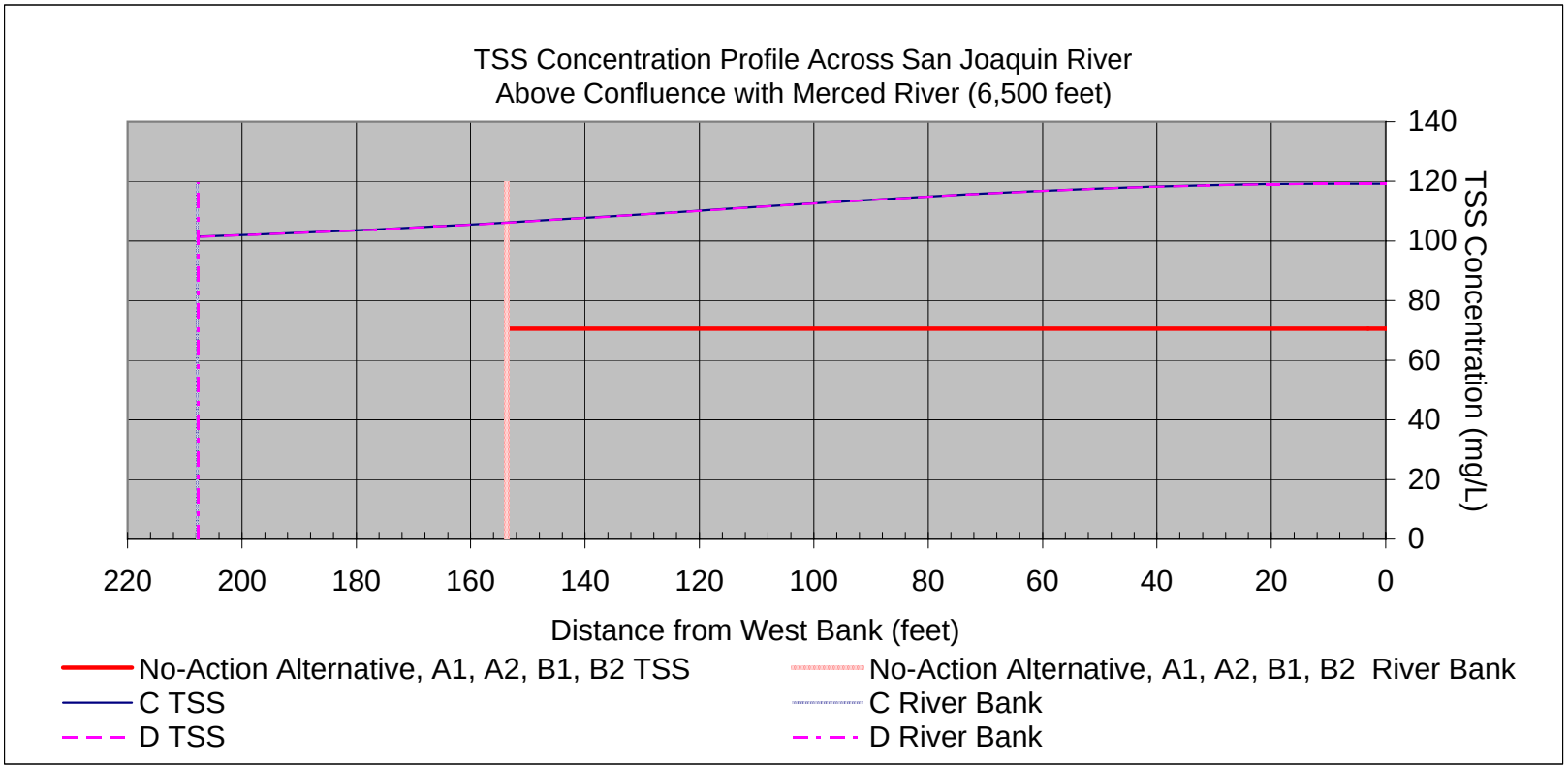
Critical Oct 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	80	12	80	80
Alternative A1	0	0	80	12	80	80
Alternative A2	0	0	80	12	80	80
Alternative B1	0	0	80	12	80	80
Alternative B2	0	0	80	12	80	80
Alternative C	0	0	80	12	80	80
Alternative D	155	131	80	12	99	88



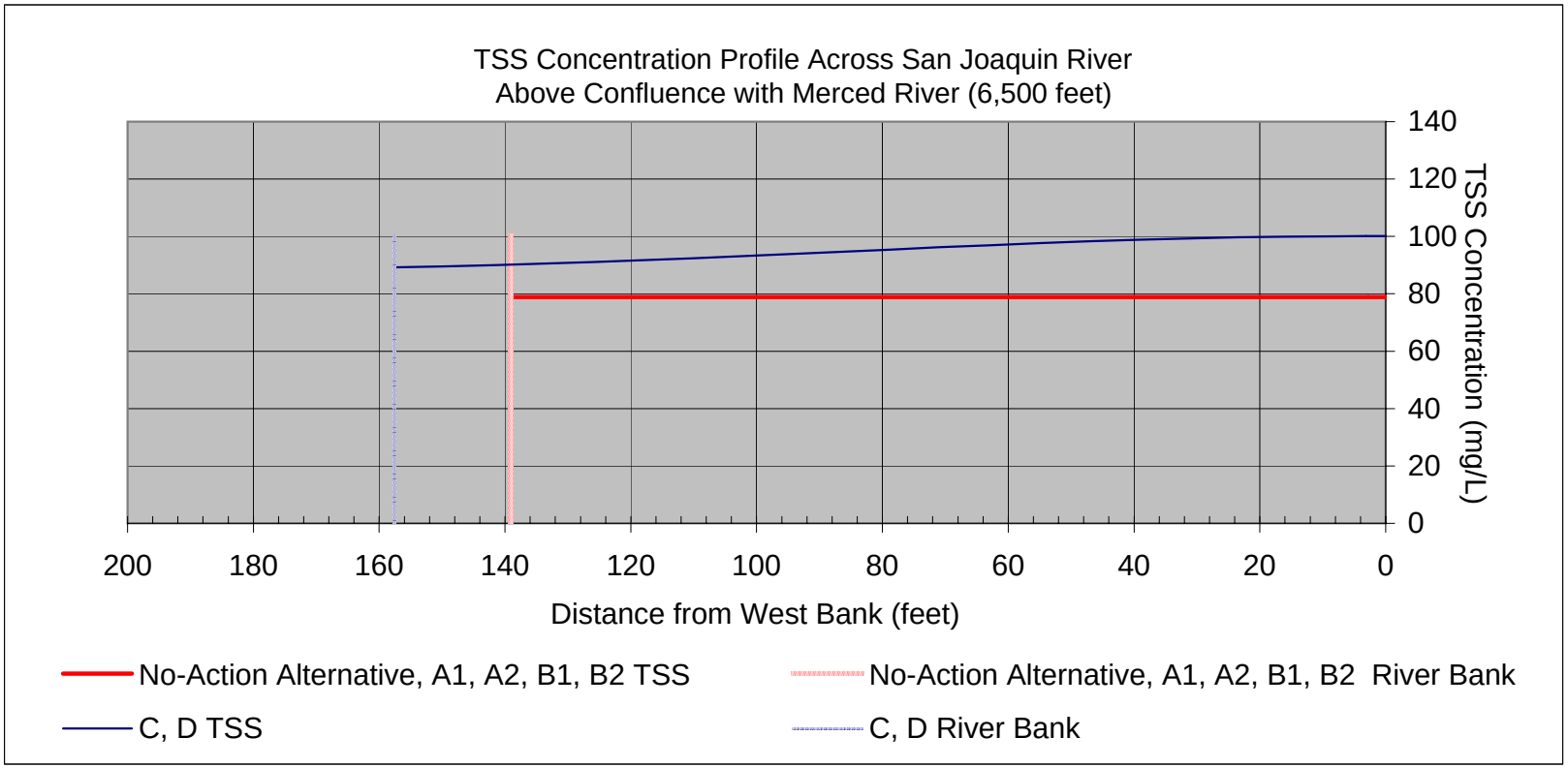
Wet March 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	332	132	58	11	74	66
Alternative B2	332	132	58	11	74	66
Alternative C	471	132	58	11	79	69
Alternative D	469	132	58	11	78	68

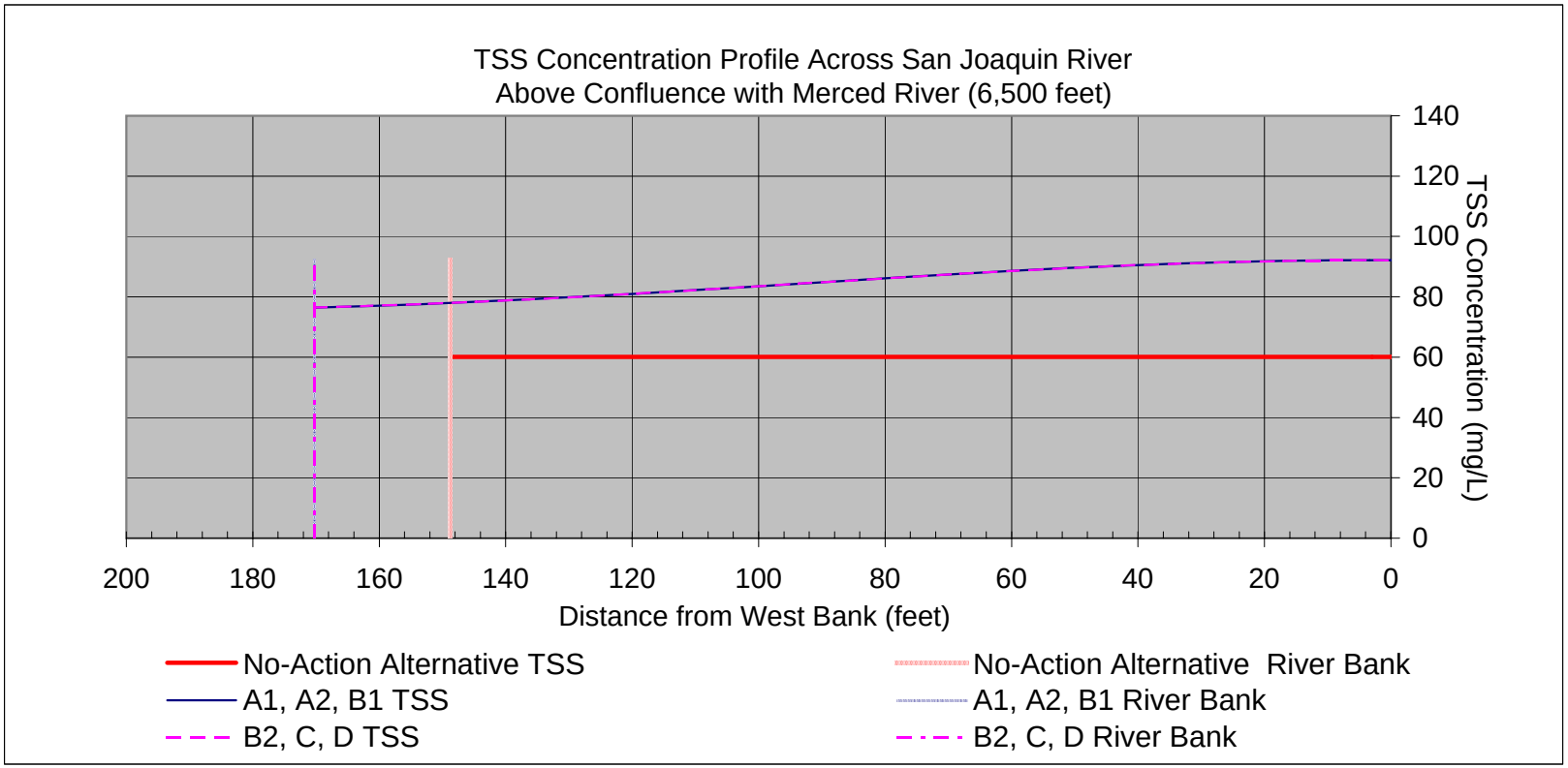


Wet April 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	1908	132	71	14	119	101
Alternative D	1907	132	71	14	119	101

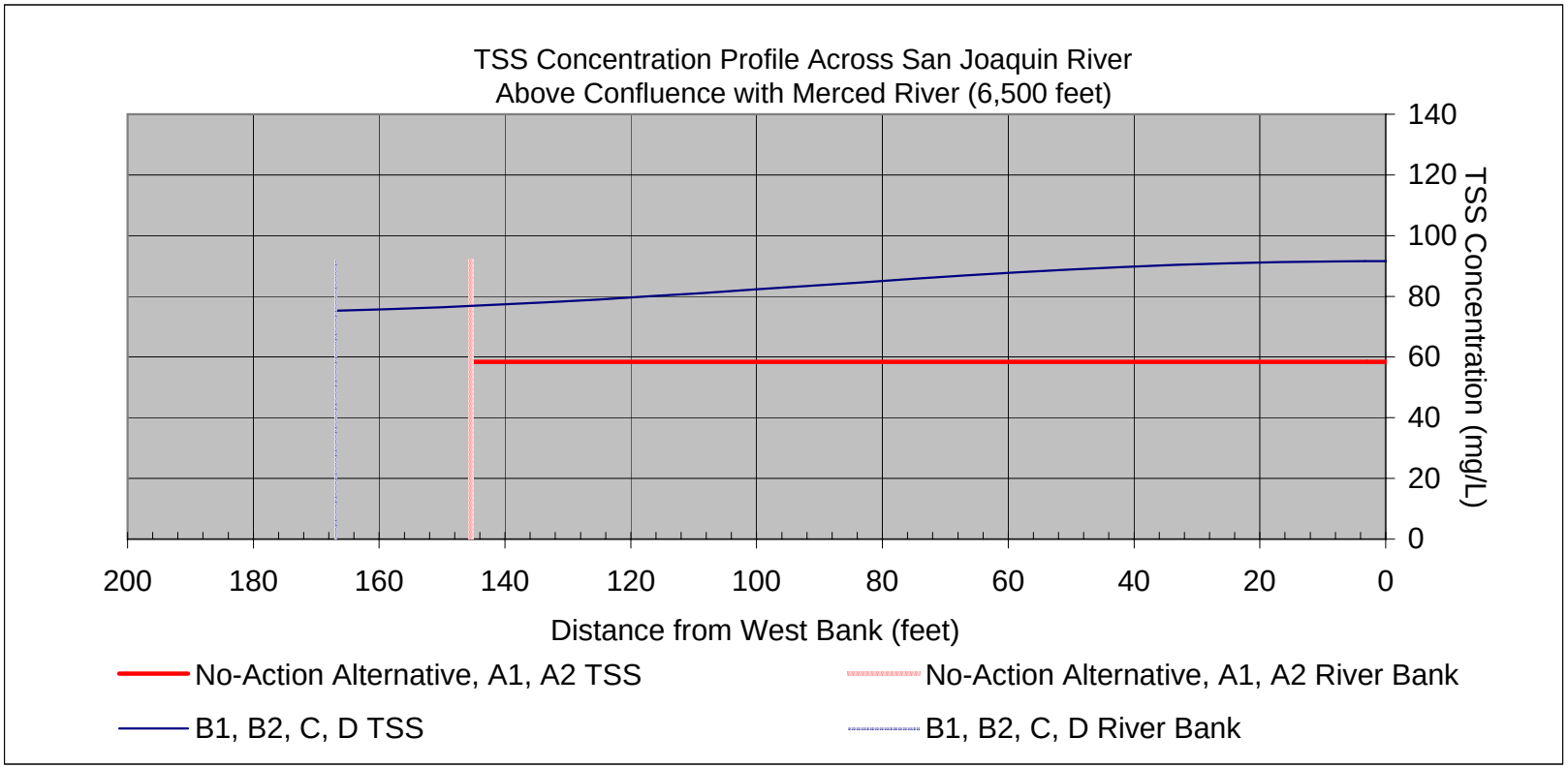


Wet May 1993		Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
Scenario	**Recirc. Flow (cfs)**	**SJR at Newman**	**Upstream SJR**	**Merced River**	**West Bank**	**East Bank**
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	335	132	79	5	100	89
Alternative D	335	132	79	5	100	89



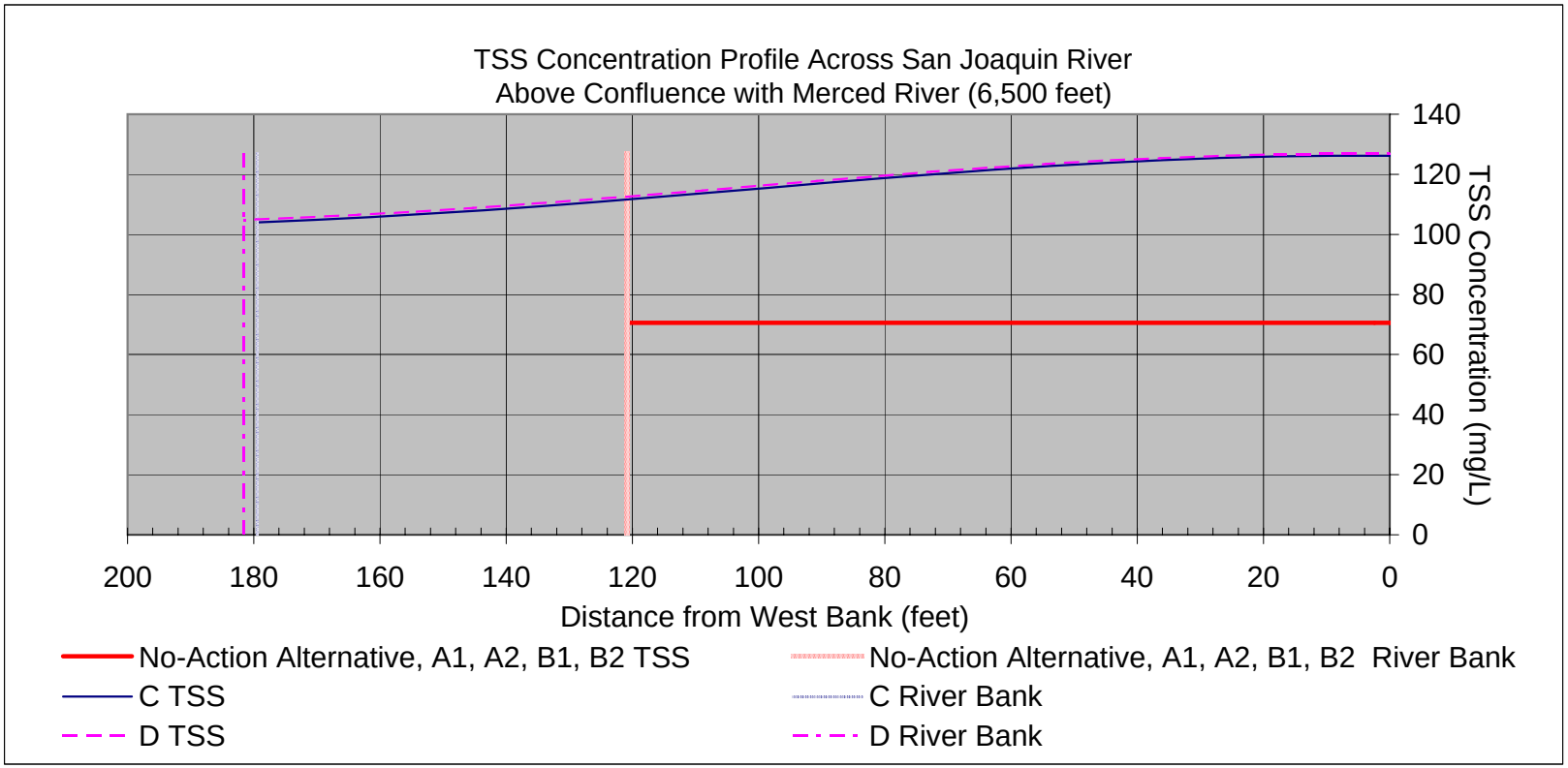
Dry Feb 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	60	60
Alternative A1	494	132	60	15	92	76
Alternative A2	494	132	60	15	92	76
Alternative B1	494	132	60	15	92	76
Alternative B2	495	132	60	15	92	76
Alternative C	495	132	60	15	92	76
Alternative D	495	132	60	15	92	76



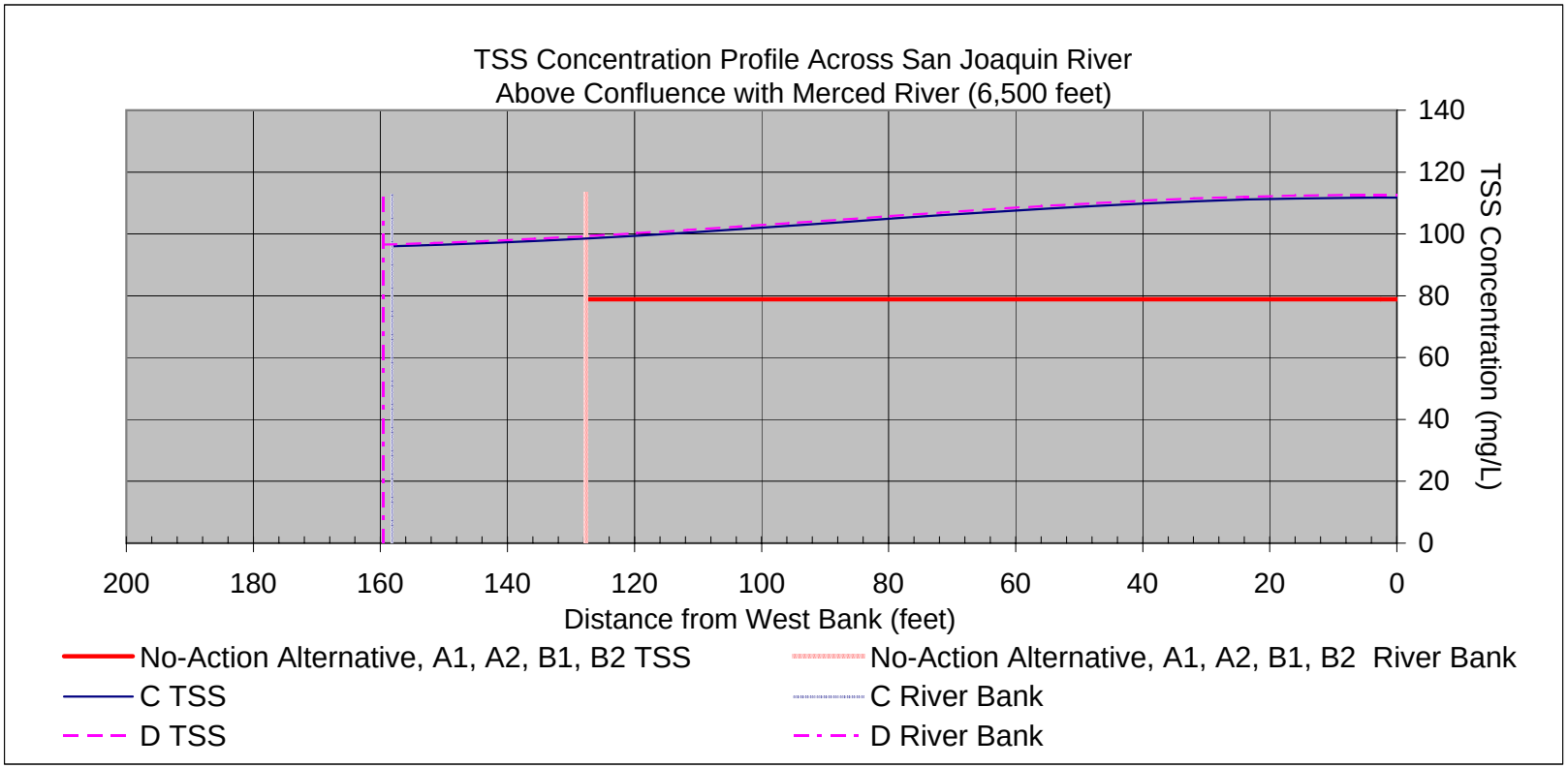
Dry March 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	462	132	58	11	92	75
Alternative B2	462	132	58	11	92	75
Alternative C	462	132	58	11	92	75
Alternative D	462	132	58	11	92	75



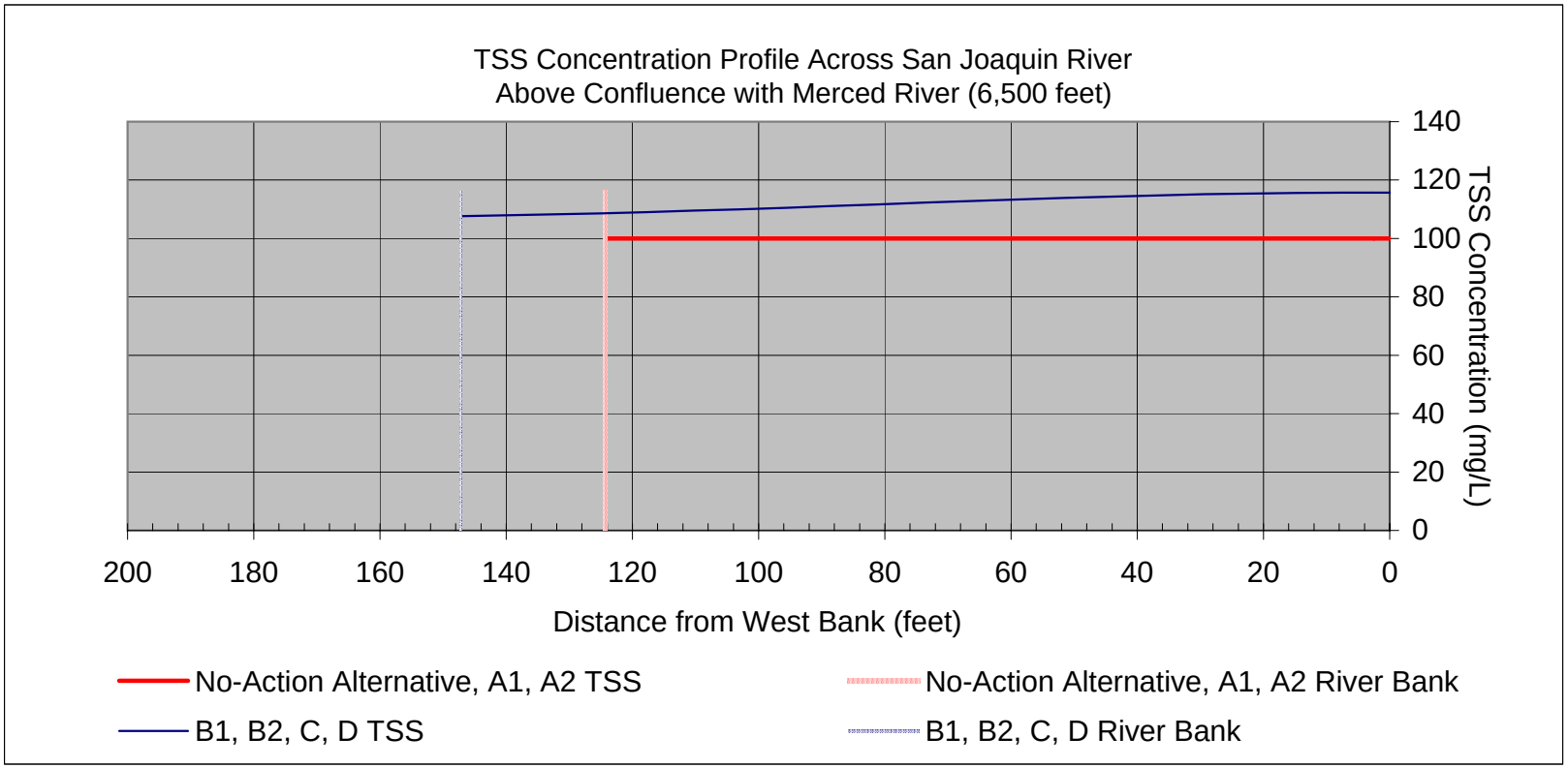
Dry April 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	1150	132	71	14	126	104
Alternative D	1224	132	71	14	127	105



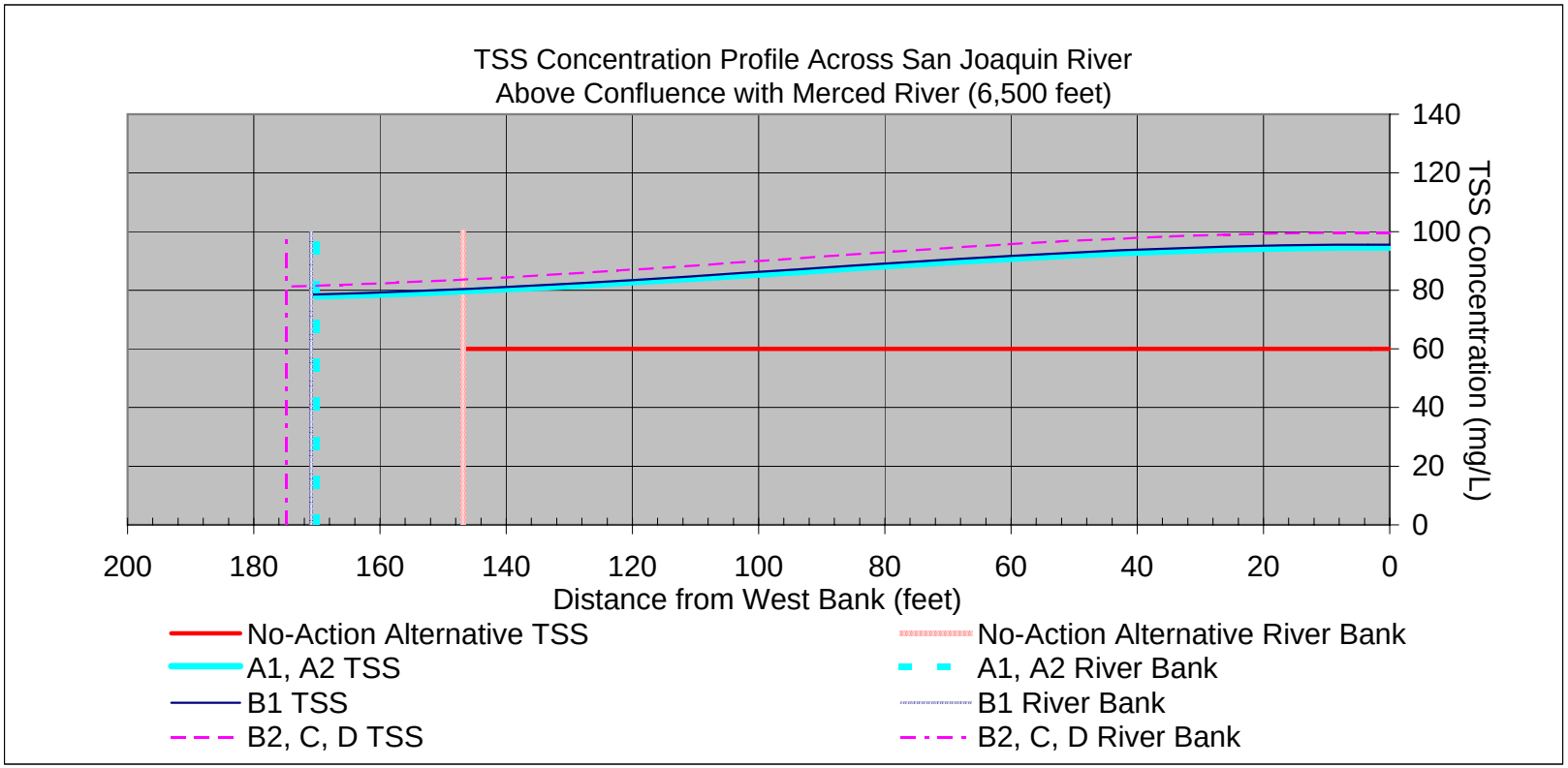
Dry May 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	497	132	79	5	112	96
Alternative D	525	132	79	5	113	97



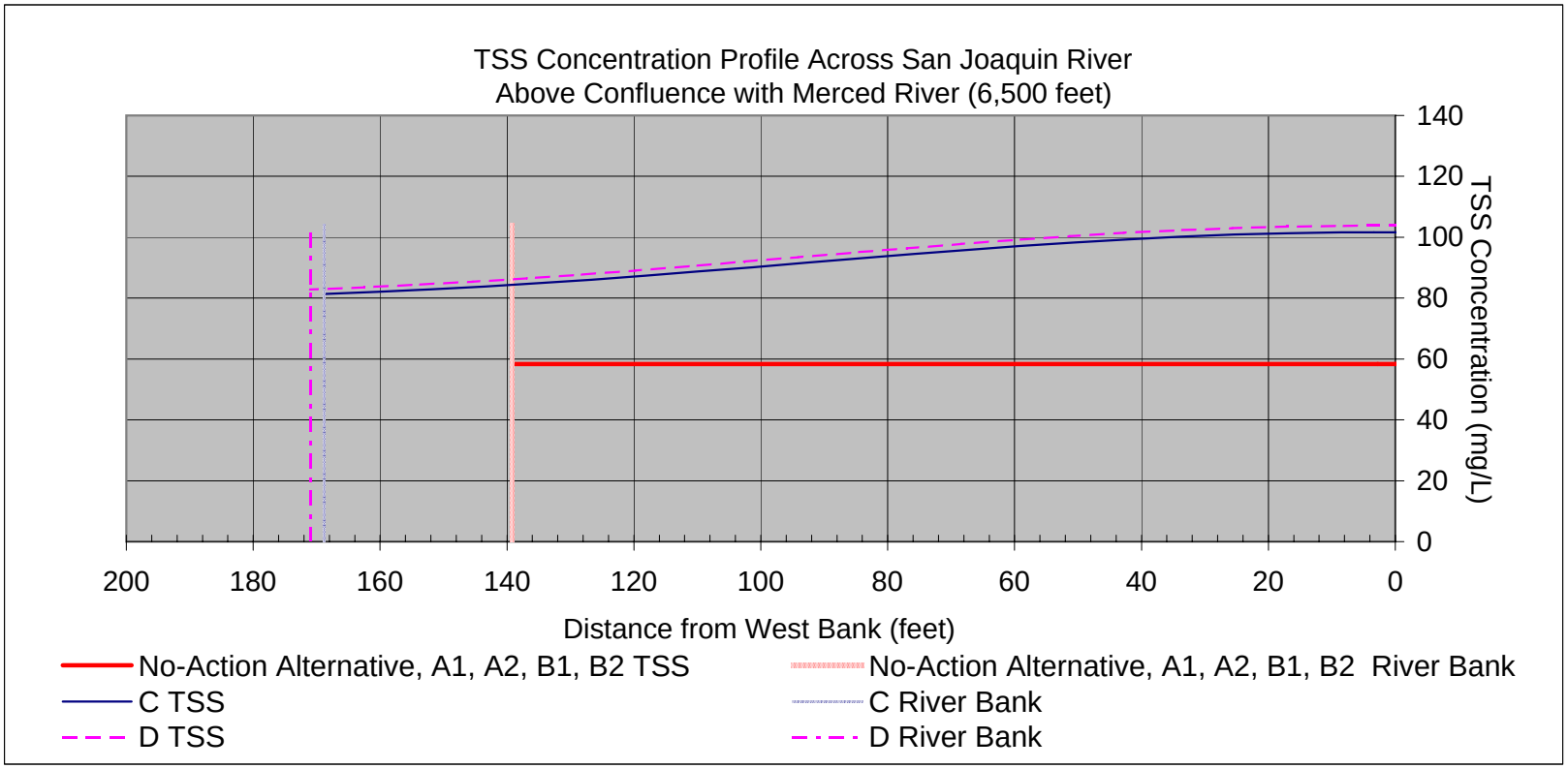
Dry June 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	0	0	100	8	100	100
Alternative A2	0	0	100	8	100	100
Alternative B1	313	132	100	8	116	108
Alternative B2	313	132	100	8	116	108
Alternative C	313	132	100	8	116	108
Alternative D	313	132	100	8	116	108



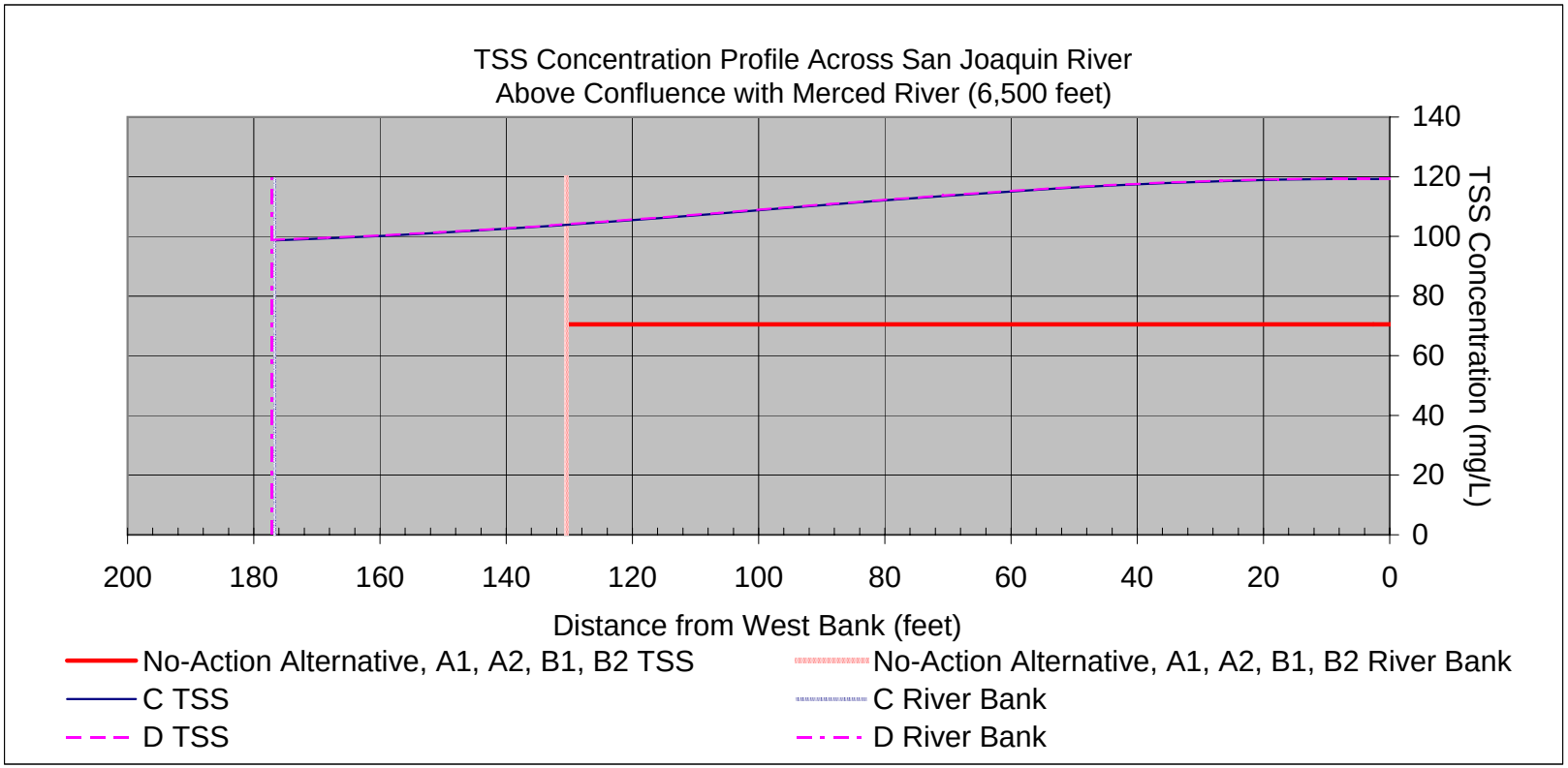
Below Normal Feb 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	60	60
Alternative A1	526	132	60	15	95	78
Alternative A2	526	132	60	15	95	78
Alternative B1	550	132	60	15	96	78
Alternative B2	663	132	60	15	100	81
Alternative C	663	132	60	15	100	81
Alternative D	663	132	60	15	100	81



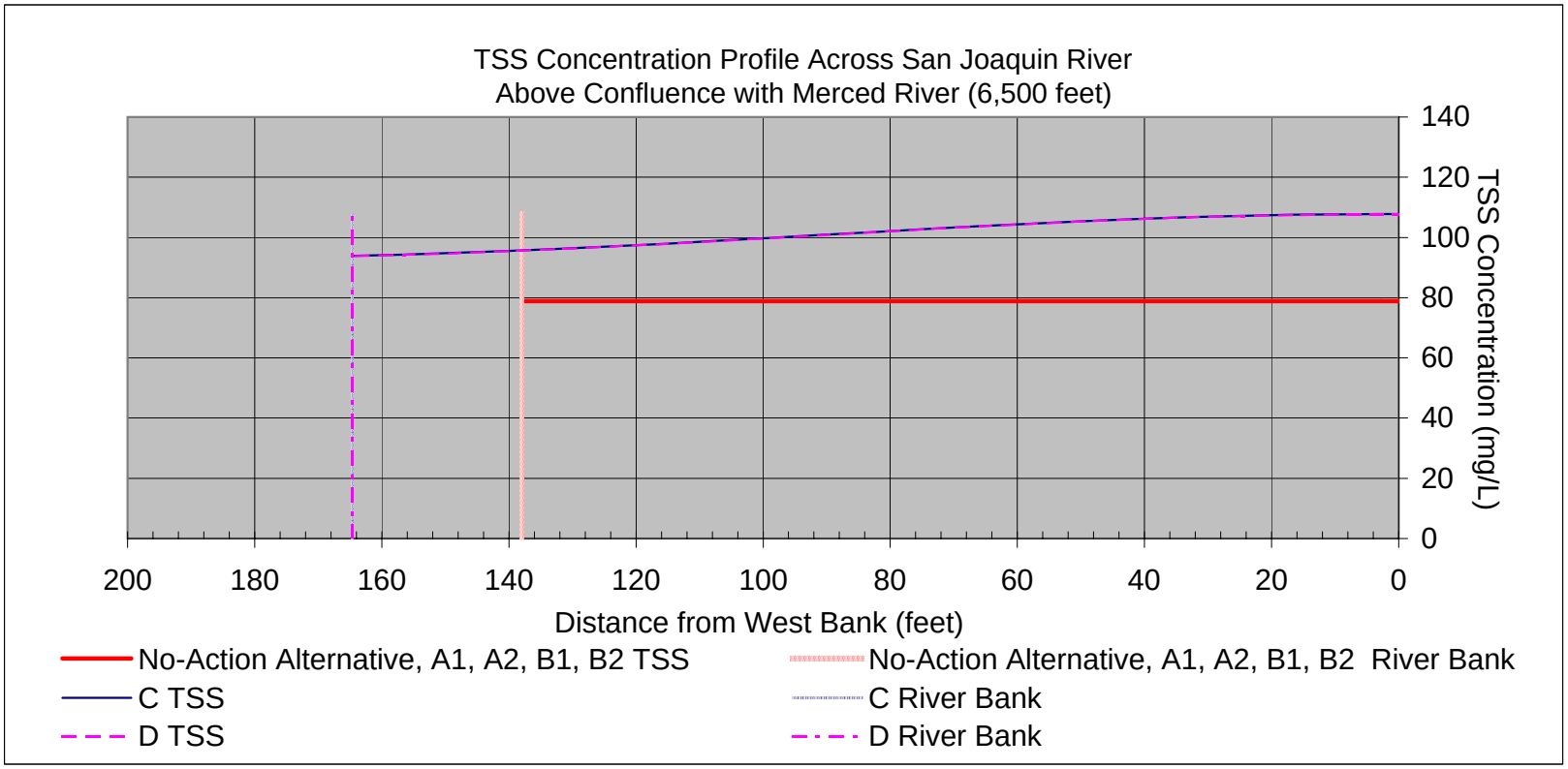
Below Normal March 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	58	58
Alternative A1	0	0	58	11	58	58
Alternative A2	0	0	58	11	58	58
Alternative B1	0	0	58	11	58	58
Alternative B2	0	0	58	11	58	58
Alternative C	613	132	58	11	102	81
Alternative D	674	132	58	11	104	83



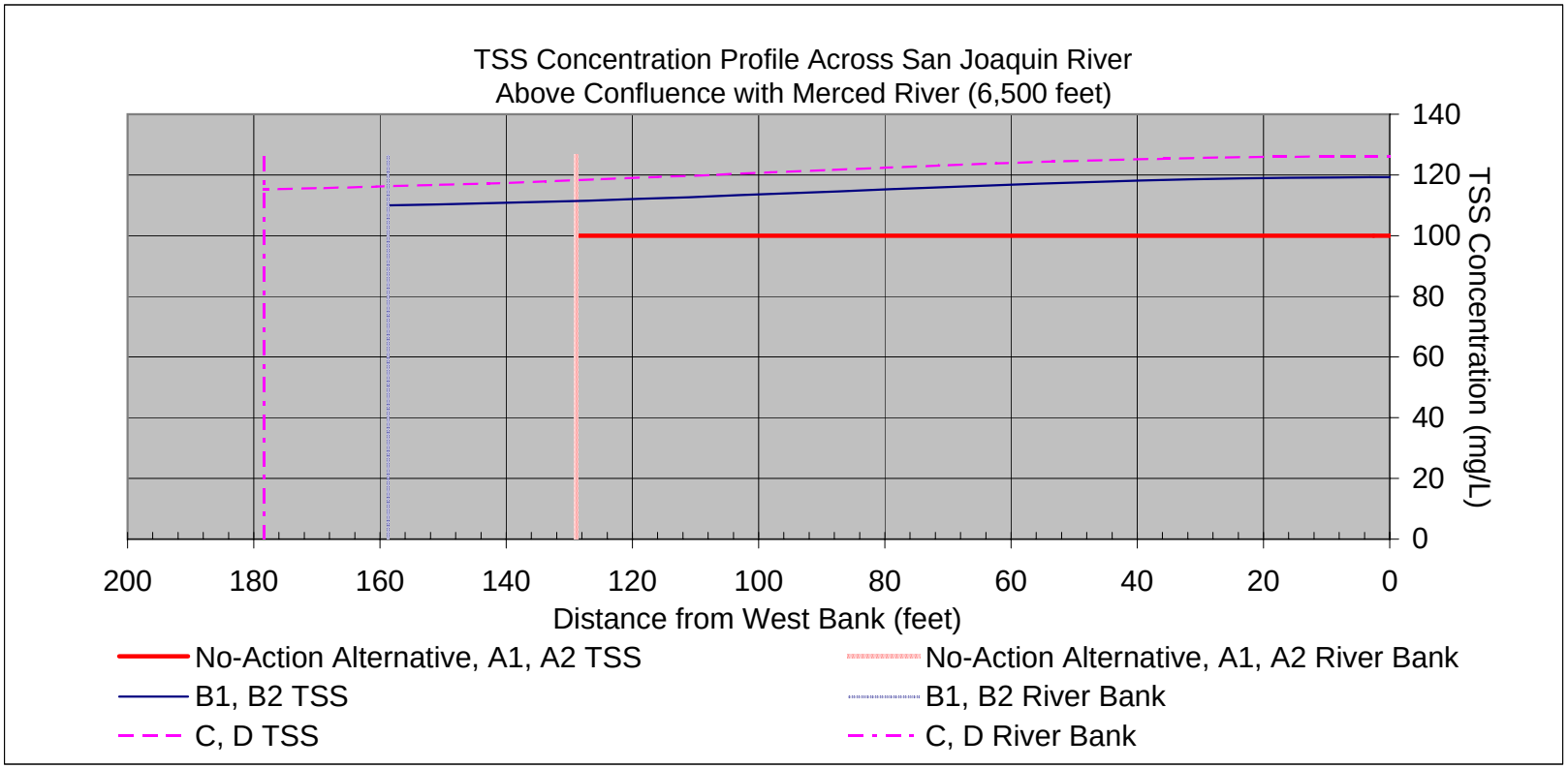
Below Normal April 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	71
Alternative A1	0	0	71	14	71	71
Alternative A2	0	0	71	14	71	71
Alternative B1	0	0	71	14	71	71
Alternative B2	0	0	71	14	71	71
Alternative C	960	132	71	14	119	99
Alternative D	973	132	71	14	119	99



Below Normal May 2003

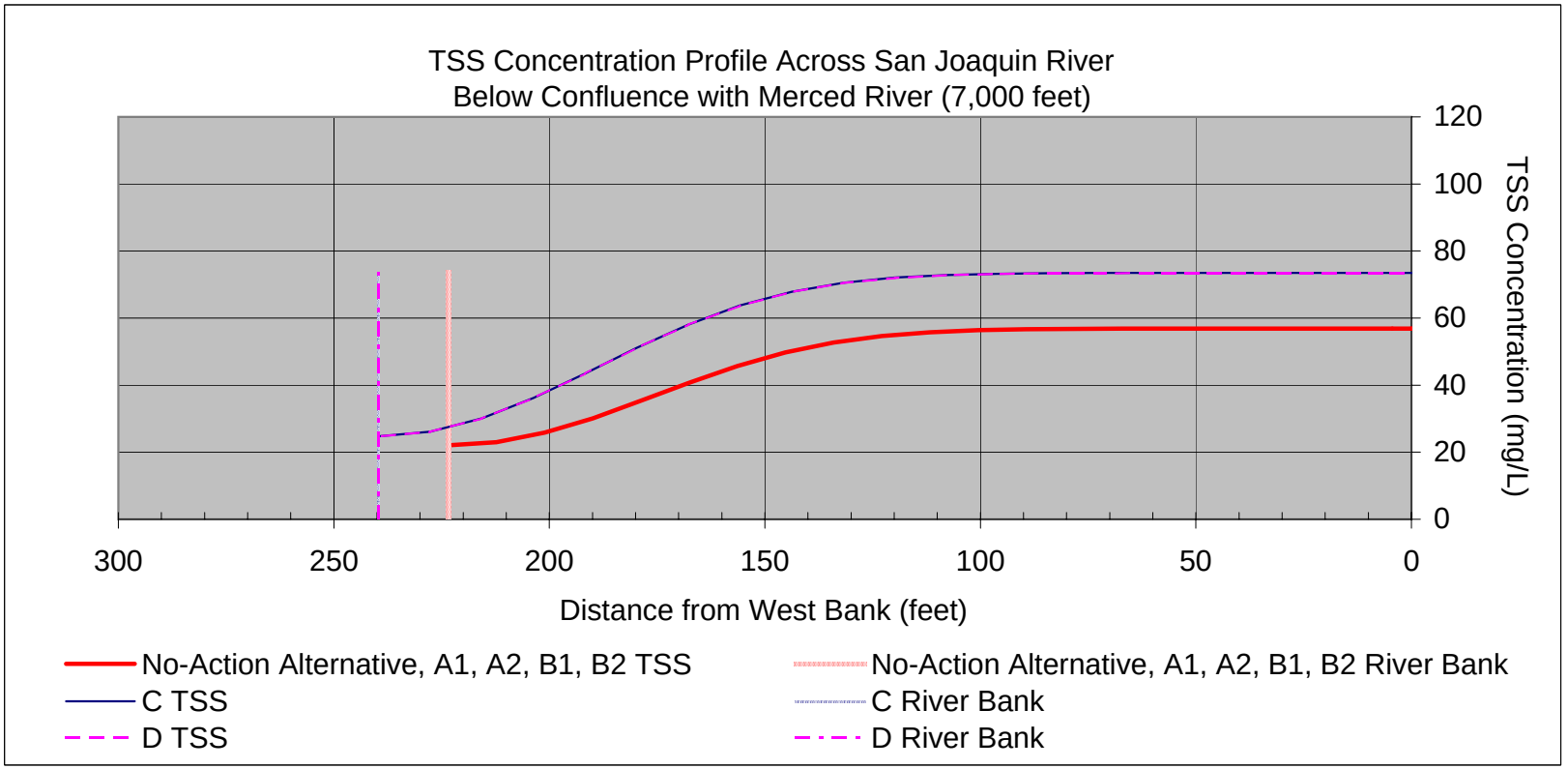
Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	79	79
Alternative A1	0	0	79	5	79	79
Alternative A2	0	0	79	5	79	79
Alternative B1	0	0	79	5	79	79
Alternative B2	0	0	79	5	79	79
Alternative C	520	132	79	5	108	94
Alternative D	519	132	79	5	108	94



Below Normal June 2003

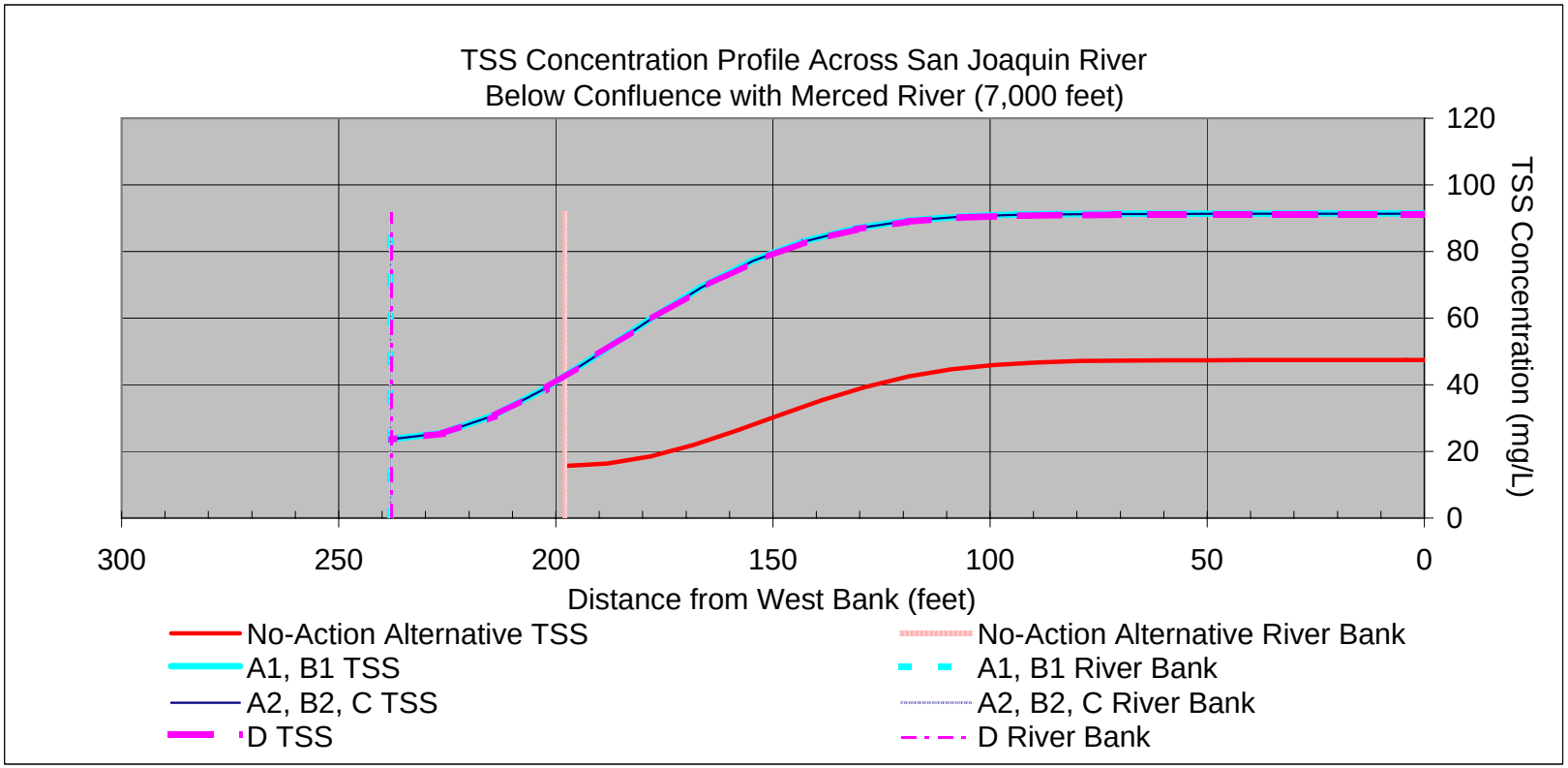
Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 6,500 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	100	100
Alternative A1	0	0	100	8	100	100
Alternative A2	0	0	100	8	100	100
Alternative B1	493	132	100	8	119	110
Alternative B2	493	132	100	8	119	110
Alternative C	1032	132	100	8	126	115
Alternative D	1032	132	100	8	126	115

San Joaquin River Lateral TSS Concentration Results Figures
7,000 feet



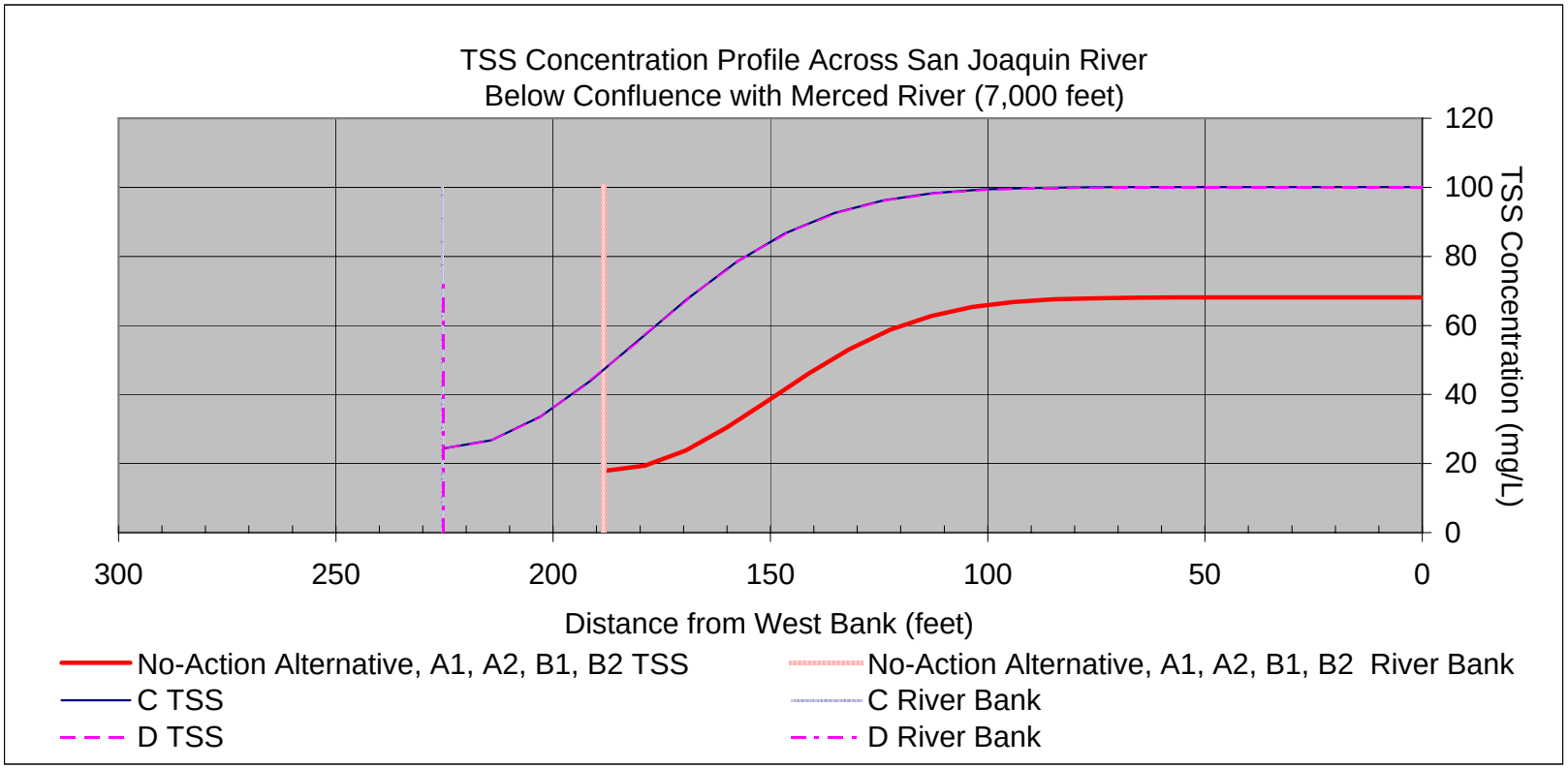
Above Normal Feb 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	57	22
Alternative A1	0	0	60	15	57	22
Alternative A2	0	0	60	15	57	22
Alternative B1	0	0	60	15	57	22
Alternative B2	0	0	60	15	57	22
Alternative C	473	132	60	15	73	25
Alternative D	472	132	60	15	73	25



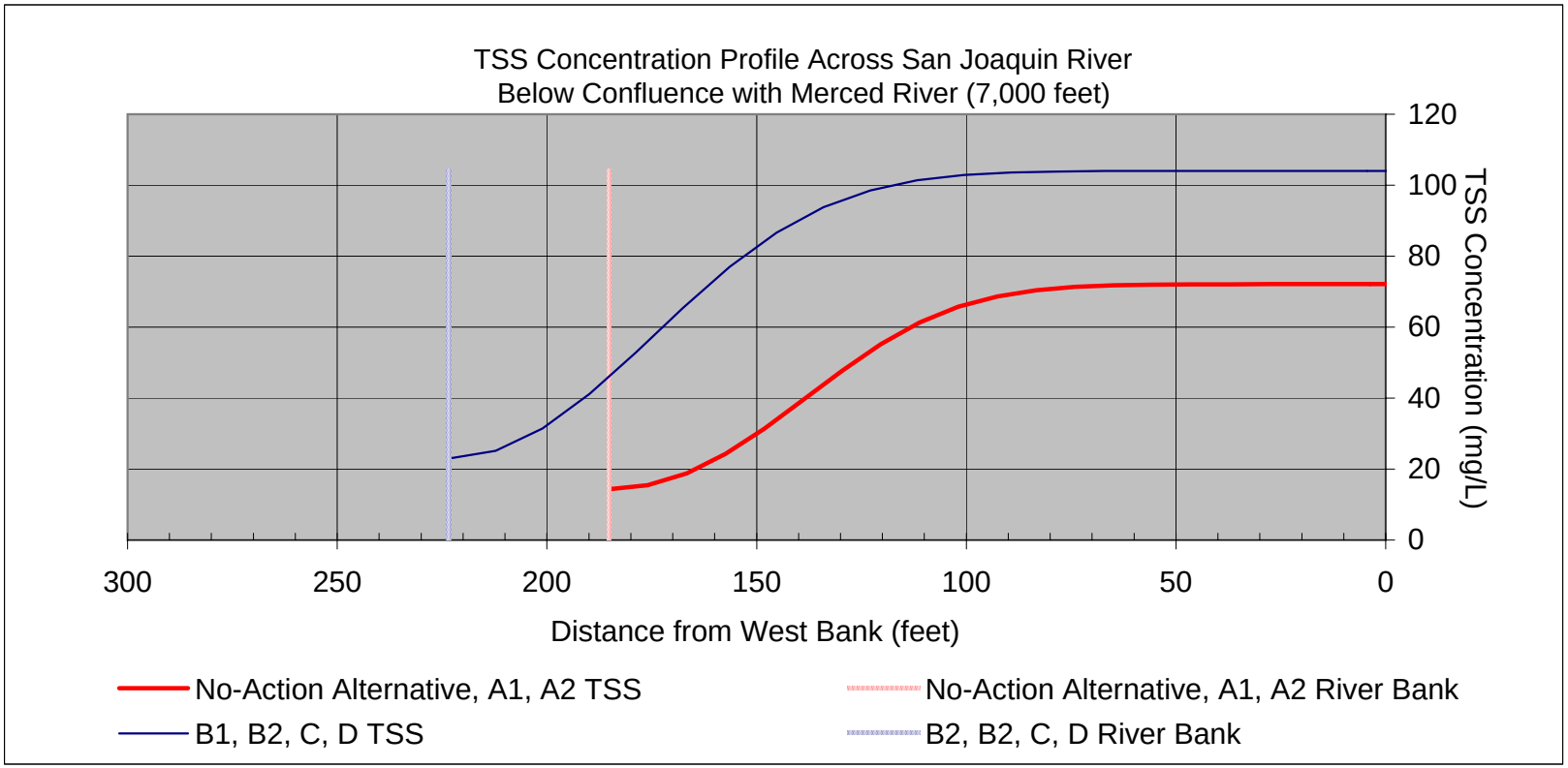
Above Normal March 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	47	16
Alternative A1	1019	132	58	11	91	24
Alternative A2	1016	132	58	11	91	24
Alternative B1	1019	132	58	11	91	24
Alternative B2	1016	132	58	11	91	24
Alternative C	1016	132	58	11	91	24
Alternative D	1009	132	58	11	91	24



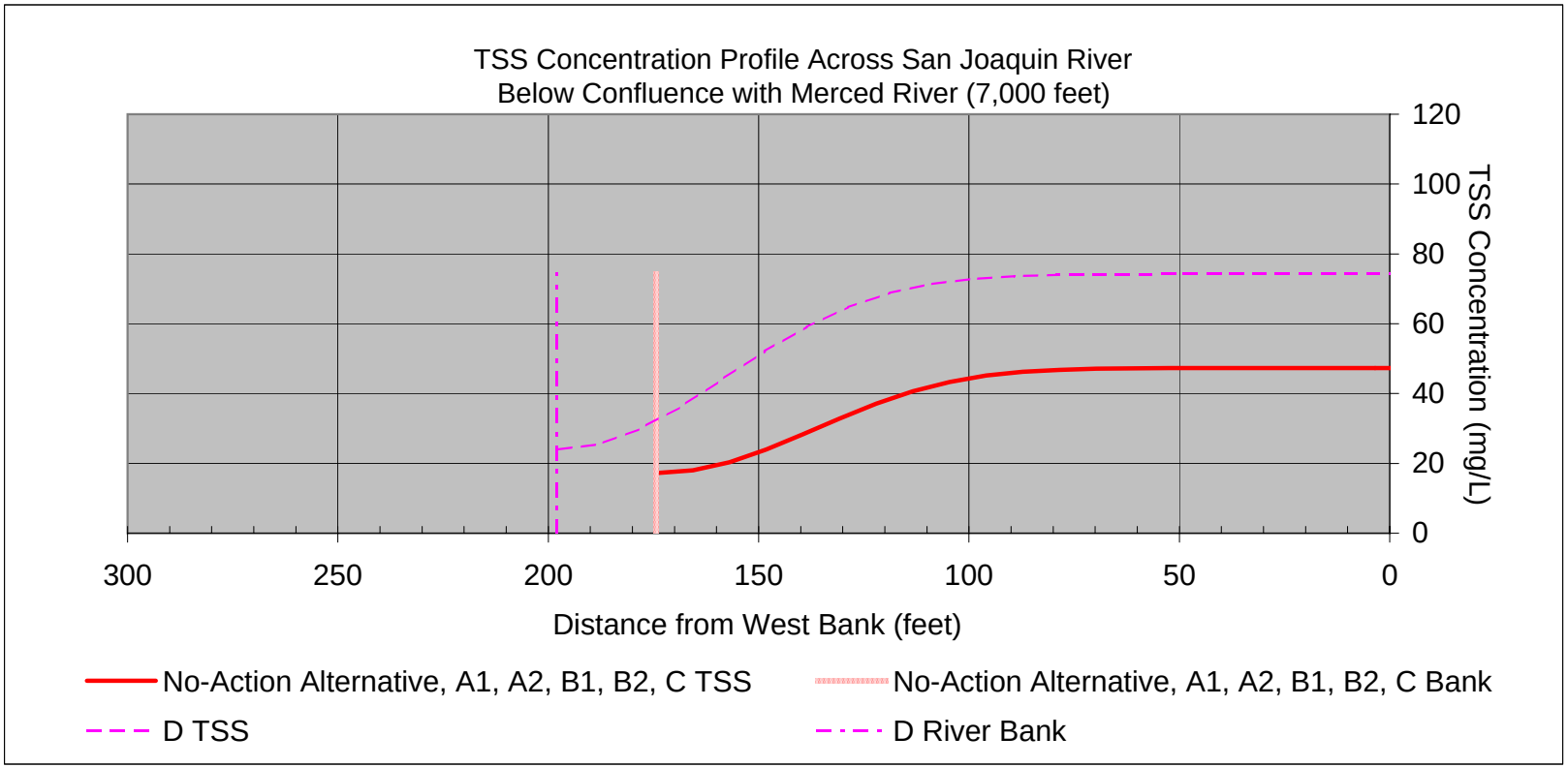
Above Normal May 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	68	18
Alternative A1	0	0	79	5	68	18
Alternative A2	0	0	79	5	68	18
Alternative B1	0	0	79	5	68	18
Alternative B2	0	0	79	5	68	18
Alternative C	830	132	79	5	100	24
Alternative D	827	132	79	5	100	24



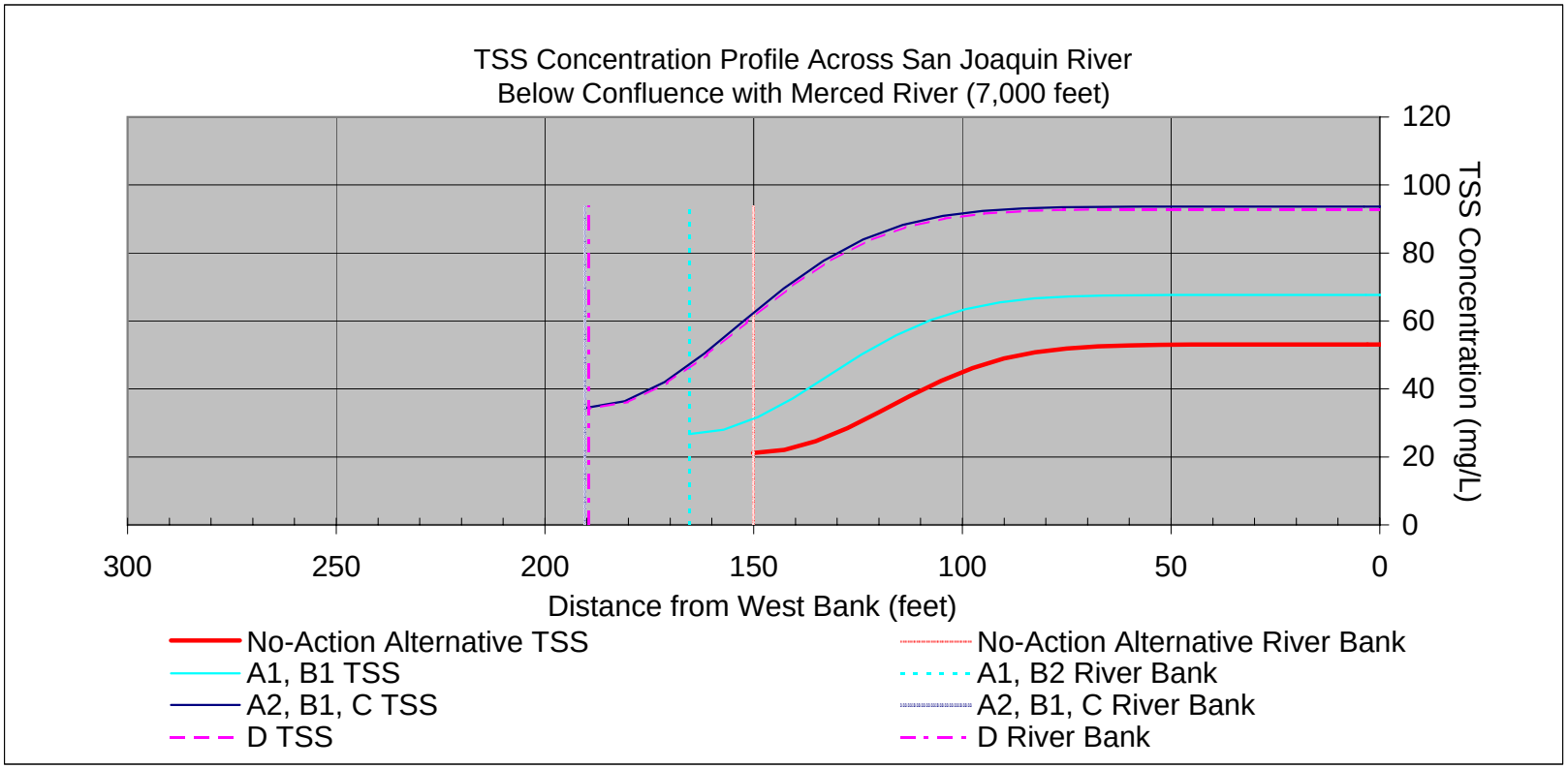
Above Normal June 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	72	14
Alternative A1	0	0	100	8	72	14
Alternative A2	0	0	100	8	72	14
Alternative B1	828	132	100	8	104	23
Alternative B2	828	132	100	8	104	23
Alternative C	828	132	100	8	104	23
Alternative D	828	132	100	8	104	23



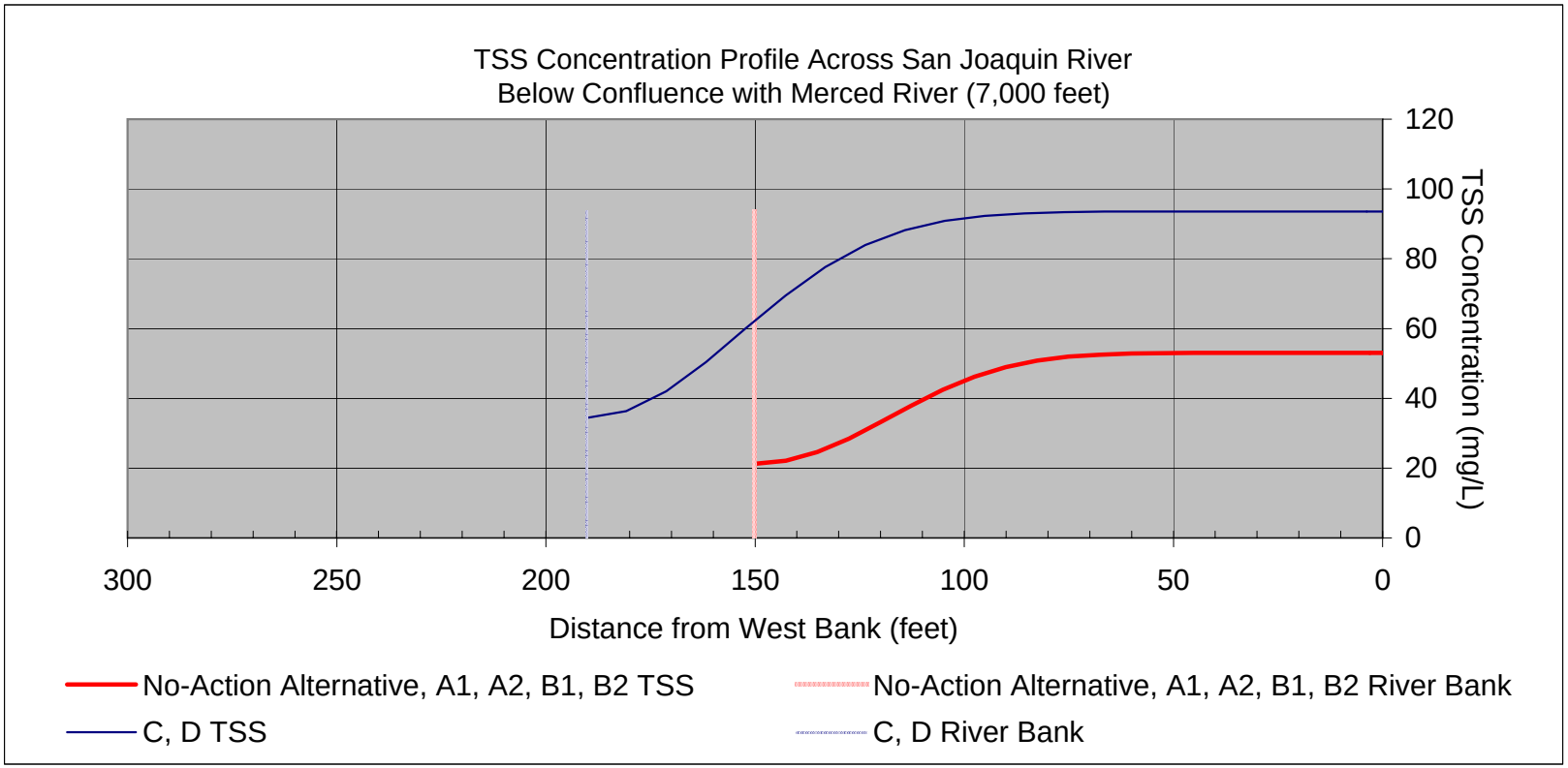
Critical March 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	47	17
Alternative A1	0	0	58	11	47	17
Alternative A2	0	0	58	11	47	17
Alternative B1	0	0	58	11	47	17
Alternative B2	0	0	58	11	47	17
Alternative C	0	0	58	11	47	17
Alternative D	408	132	58	11	74	24



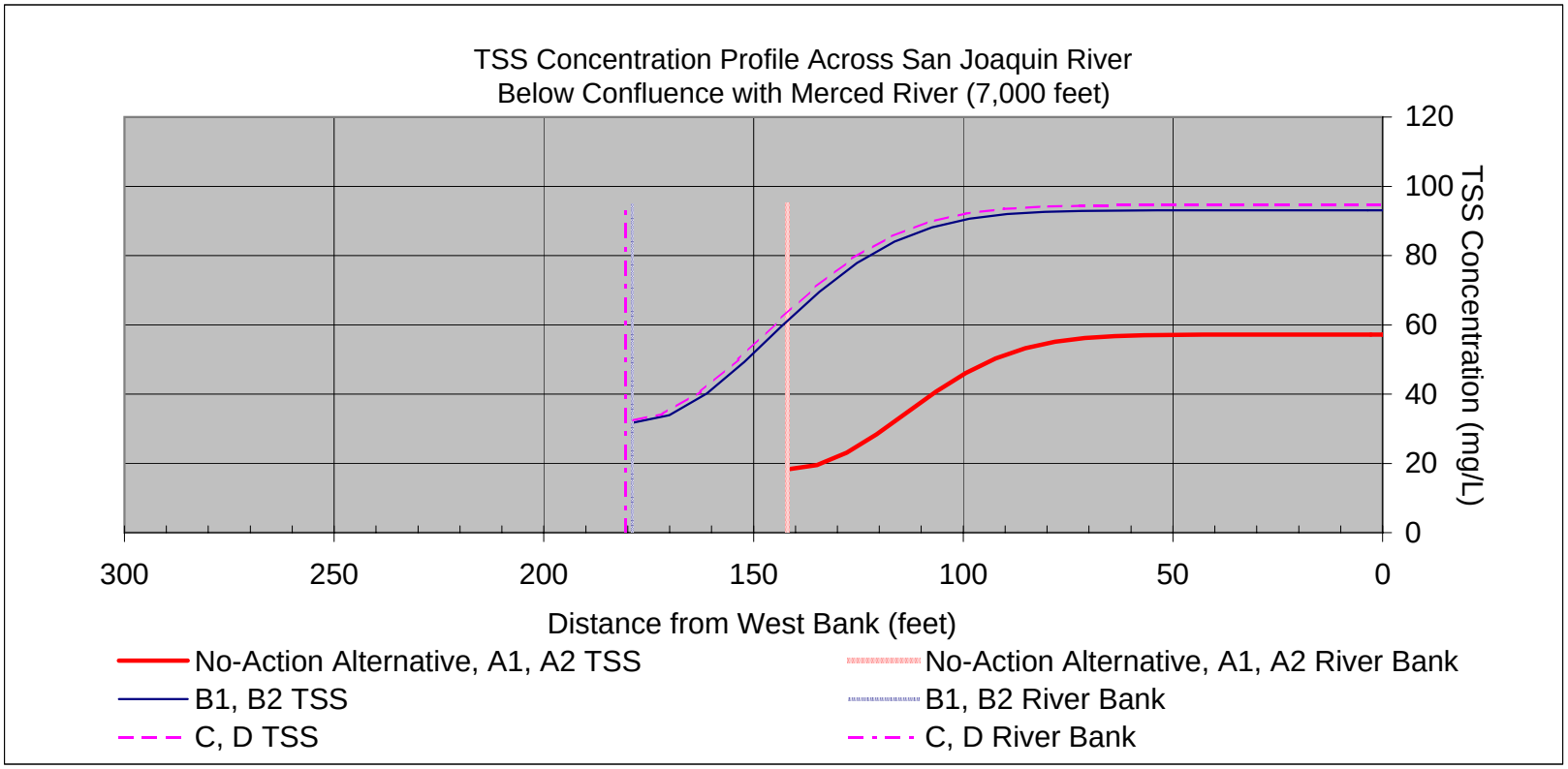
Critical April 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	53	21
Alternative A1	178	131	71	14	68	27
Alternative A2	564	132	71	14	94	34
Alternative B1	178	131	71	14	68	27
Alternative B2	564	132	71	14	94	34
Alternative C	564	132	71	14	94	34
Alternative D	549	132	71	14	93	34



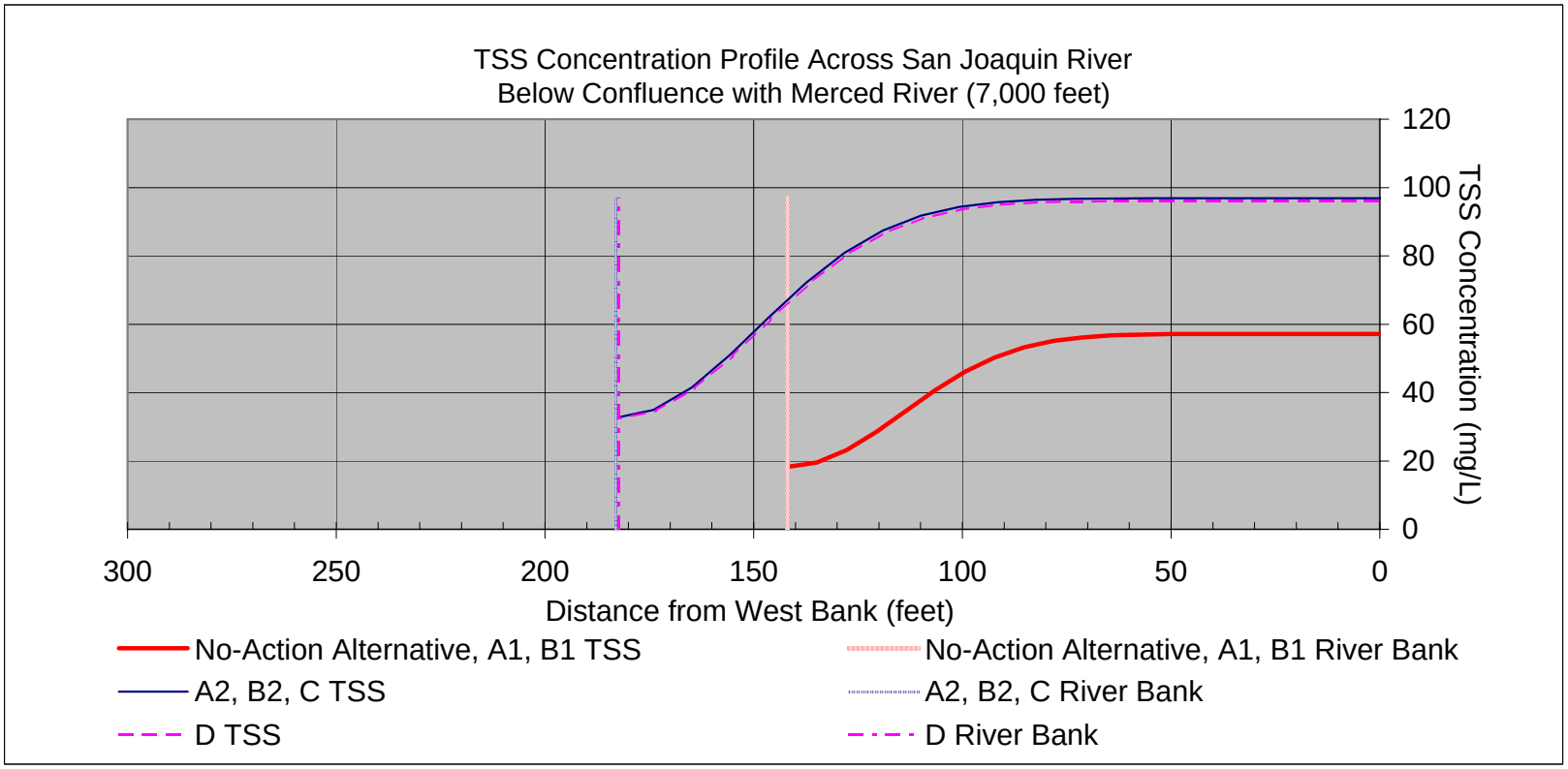
Critical April-P 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	53	21
Alternative A1	0	0	71	14	53	21
Alternative A2	0	0	71	14	53	21
Alternative B1	0	0	71	14	53	21
Alternative B2	0	0	71	14	53	21
Alternative C	562	132	71	14	94	34
Alternative D	562	132	71	14	94	34



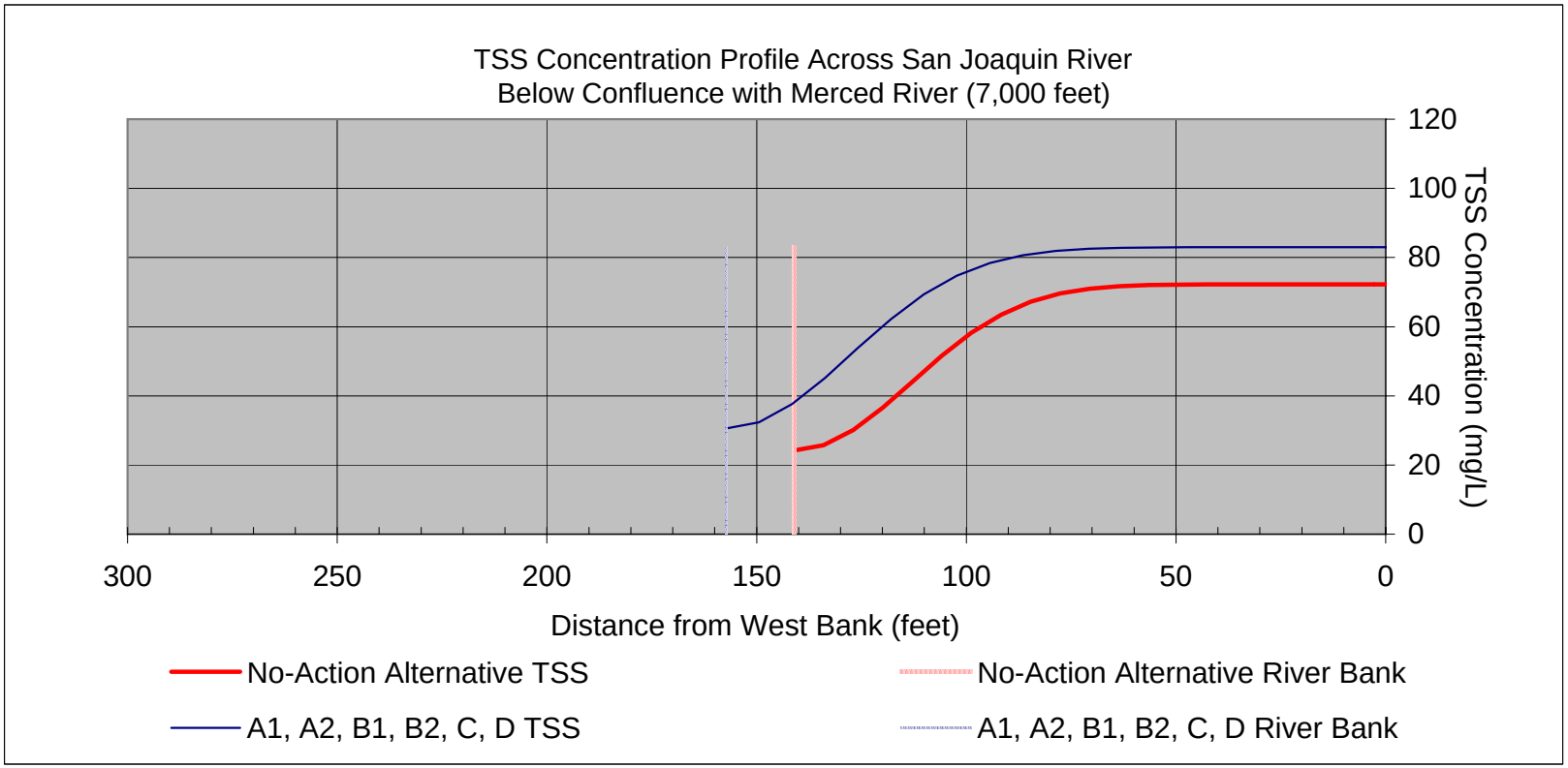
Critical May-P 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	57	18
Alternative A1	0	0	79	5	57	18
Alternative A2	0	0	79	5	57	18
Alternative B1	450	132	79	5	93	32
Alternative B2	450	132	79	5	93	32
Alternative C	476	132	79	5	95	32
Alternative D	476	132	79	5	95	32



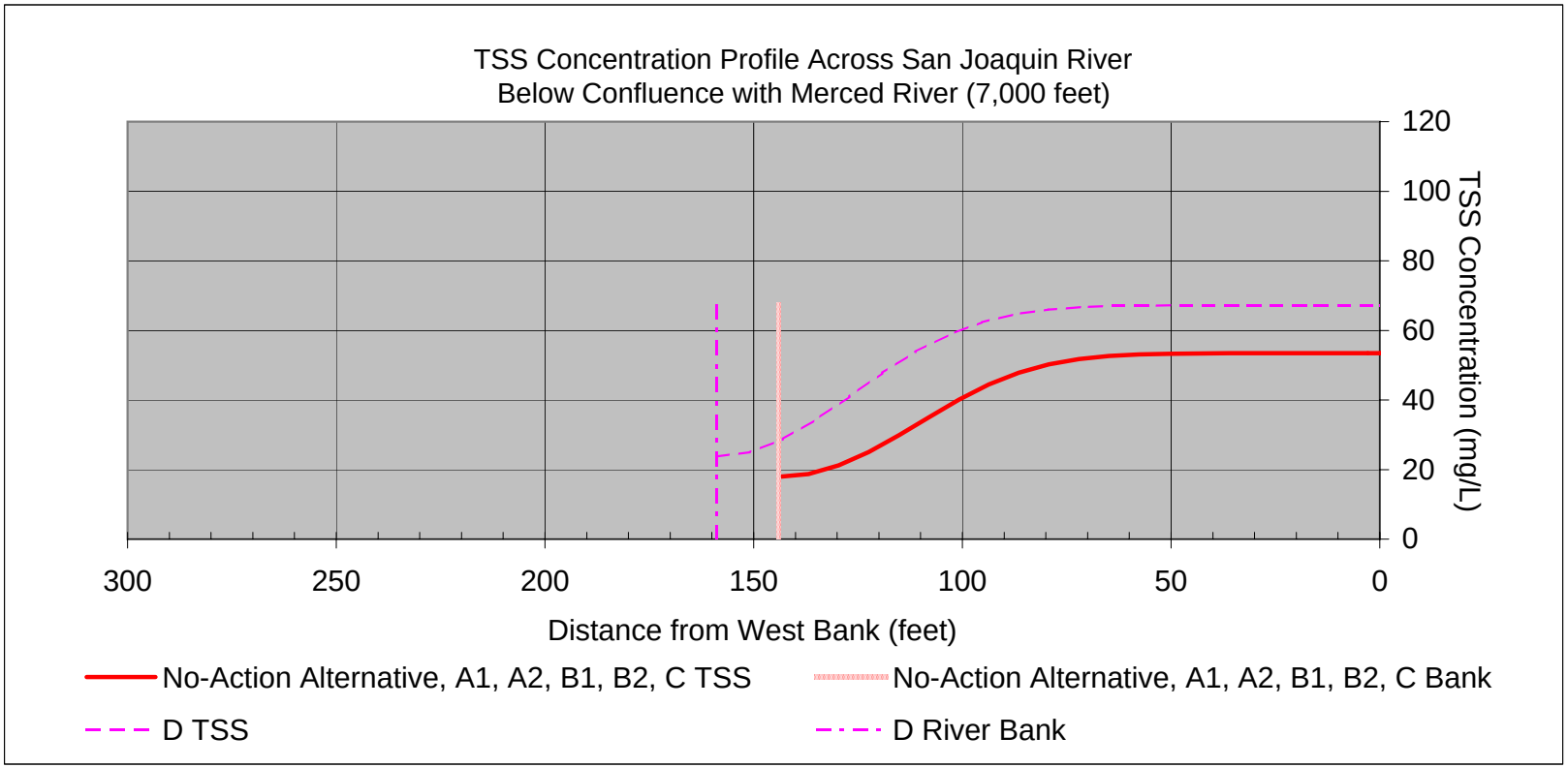
Critical May 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	57	18
Alternative A1	0	0	79	5	57	18
Alternative A2	516	132	79	5	97	33
Alternative B1	0	0	79	5	57	18
Alternative B2	516	132	79	5	97	33
Alternative C	516	132	79	5	97	33
Alternative D	503	132	79	5	96	32



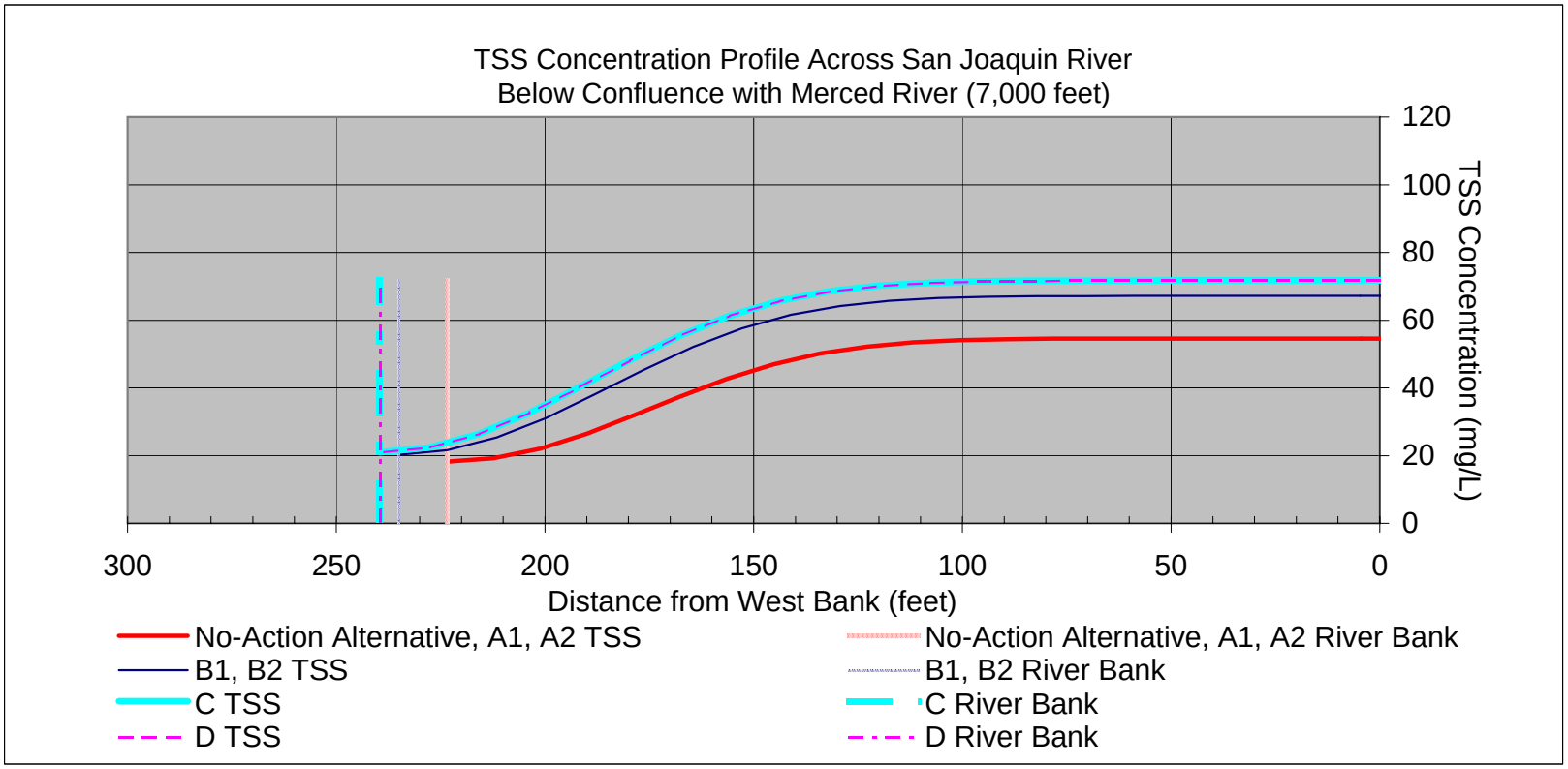
Critical June 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	72	24
Alternative A1	164	131	100	8	83	31
Alternative A2	164	131	100	8	83	31
Alternative B1	164	131	100	8	83	31
Alternative B2	164	131	100	8	83	31
Alternative C	164	131	100	8	83	31
Alternative D	164	131	100	8	83	31



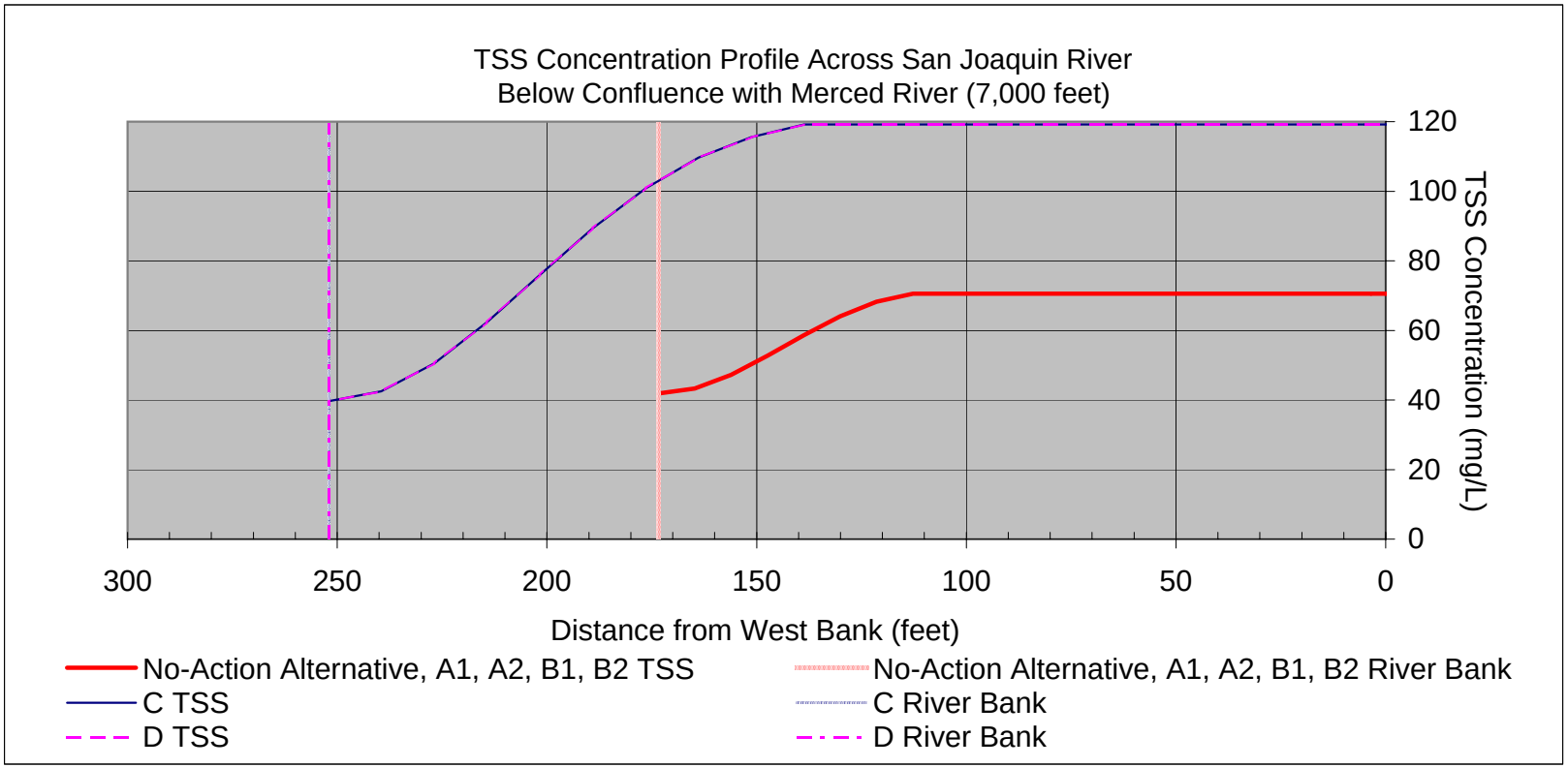
Critical Oct 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	80	12	53	18
Alternative A1	0	0	80	12	53	18
Alternative A2	0	0	80	12	53	18
Alternative B1	0	0	80	12	53	18
Alternative B2	0	0	80	12	53	18
Alternative C	0	0	80	12	53	18
Alternative D	155	131	80	12	67	24



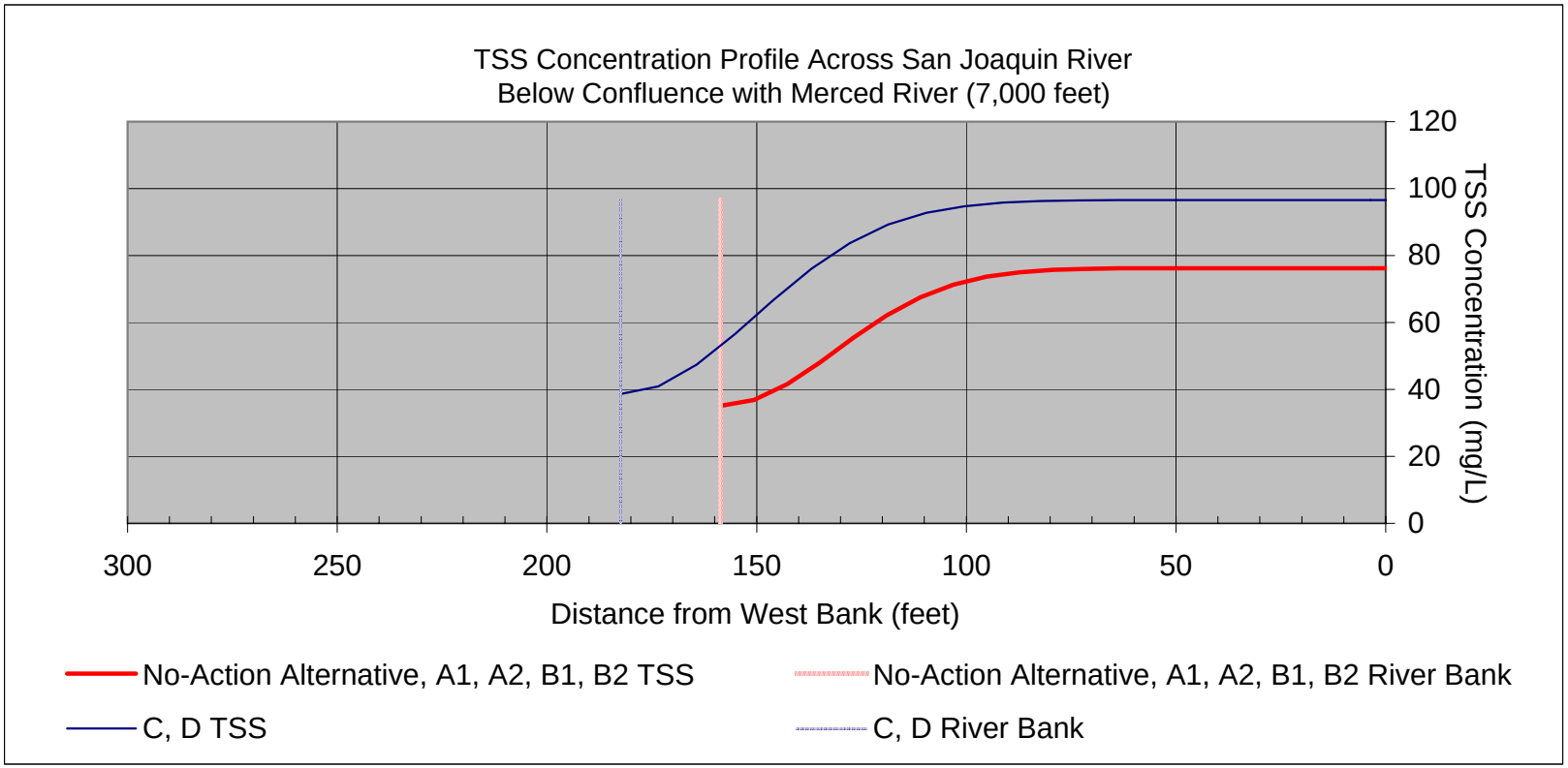
Wet March 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	55	18
Alternative A1	0	0	58	11	55	18
Alternative A2	0	0	58	11	55	18
Alternative B1	332	132	58	11	67	20
Alternative B2	332	132	58	11	67	20
Alternative C	471	132	58	11	72	21
Alternative D	469	132	58	11	72	21



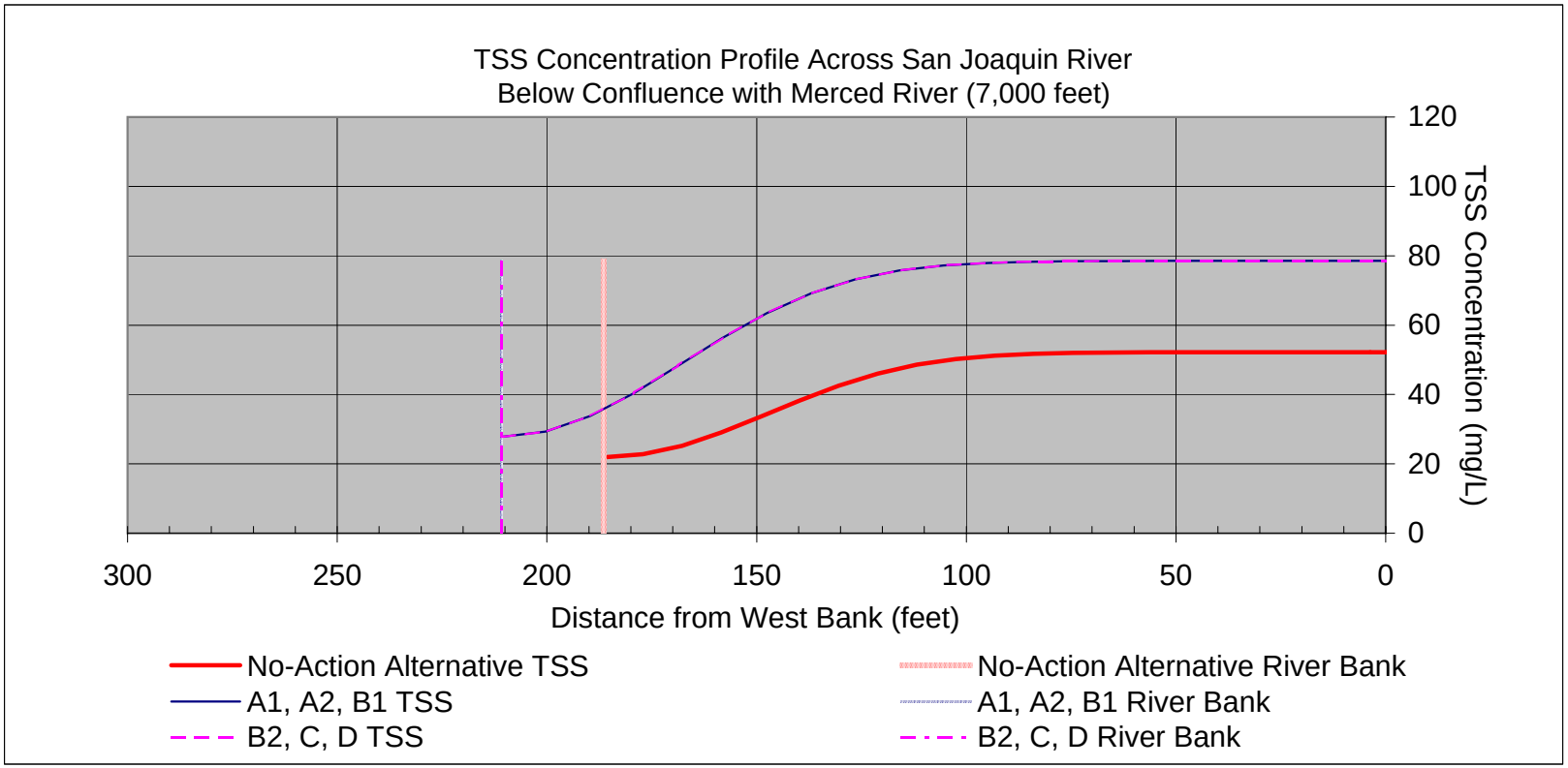
Wet April 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	71	42
Alternative A1	0	0	71	14	71	42
Alternative A2	0	0	71	14	71	42
Alternative B1	0	0	71	14	71	42
Alternative B2	0	0	71	14	71	42
Alternative C	1908	132	71	14	119	40
Alternative D	1907	132	71	14	119	40



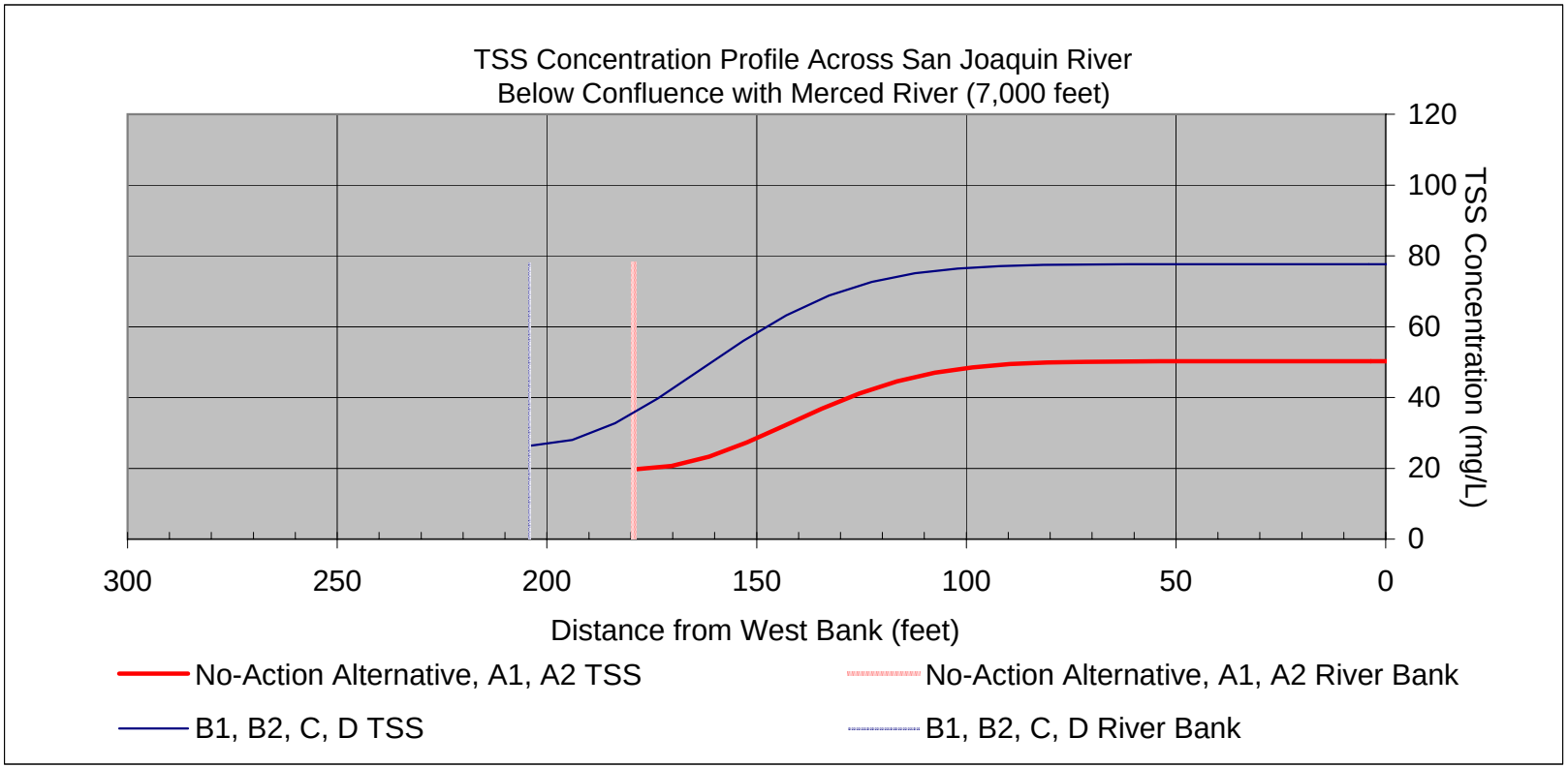
Wet May 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	76	35
Alternative A1	0	0	79	5	76	35
Alternative A2	0	0	79	5	76	35
Alternative B1	0	0	79	5	76	35
Alternative B2	0	0	79	5	76	35
Alternative C	335	132	79	5	97	39
Alternative D	335	132	79	5	97	39



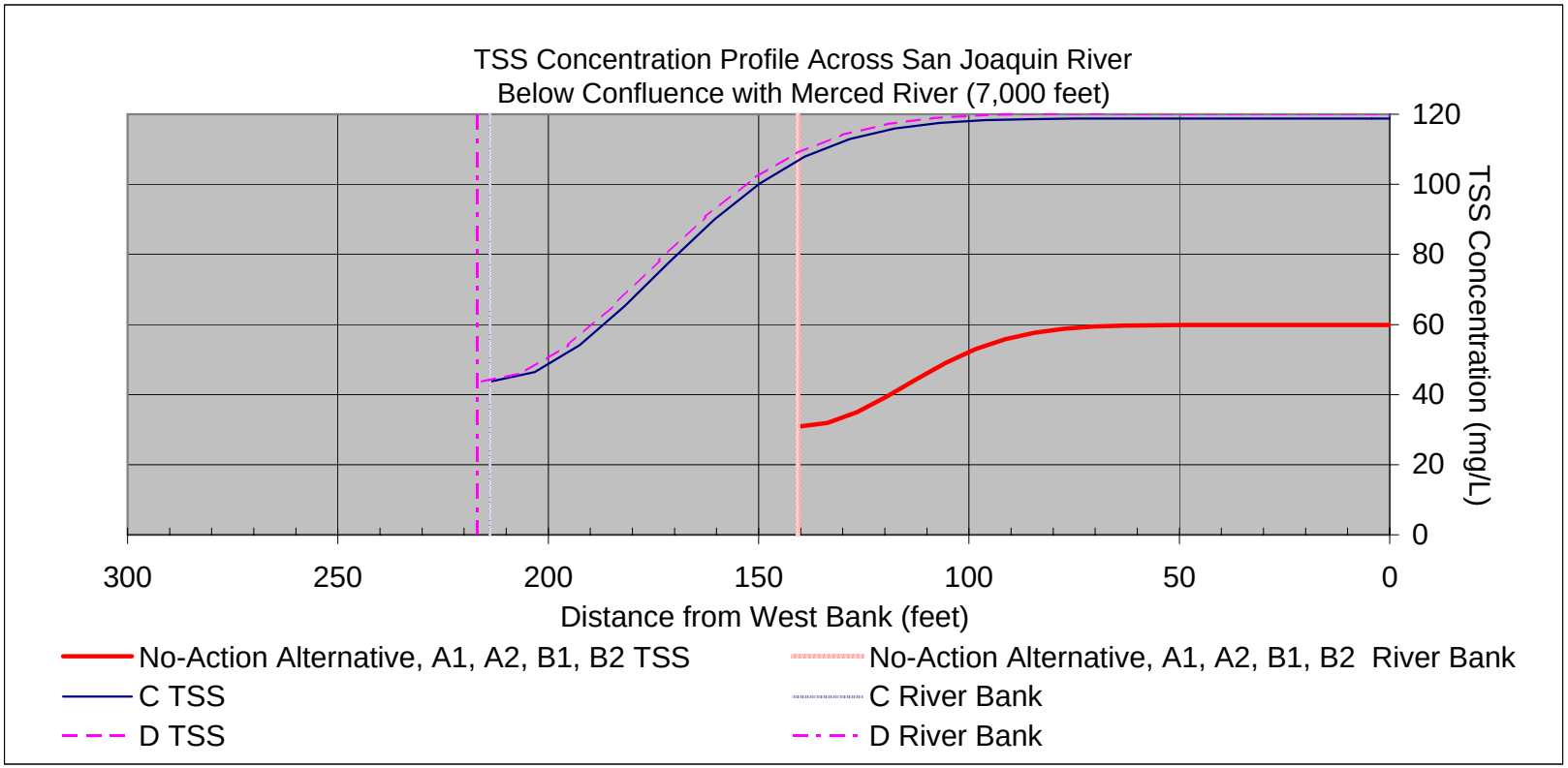
Dry Feb 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	52	22
Alternative A1	494	132	60	15	79	28
Alternative A2	494	132	60	15	79	28
Alternative B1	494	132	60	15	79	28
Alternative B2	495	132	60	15	79	28
Alternative C	495	132	60	15	79	28
Alternative D	495	132	60	15	79	28



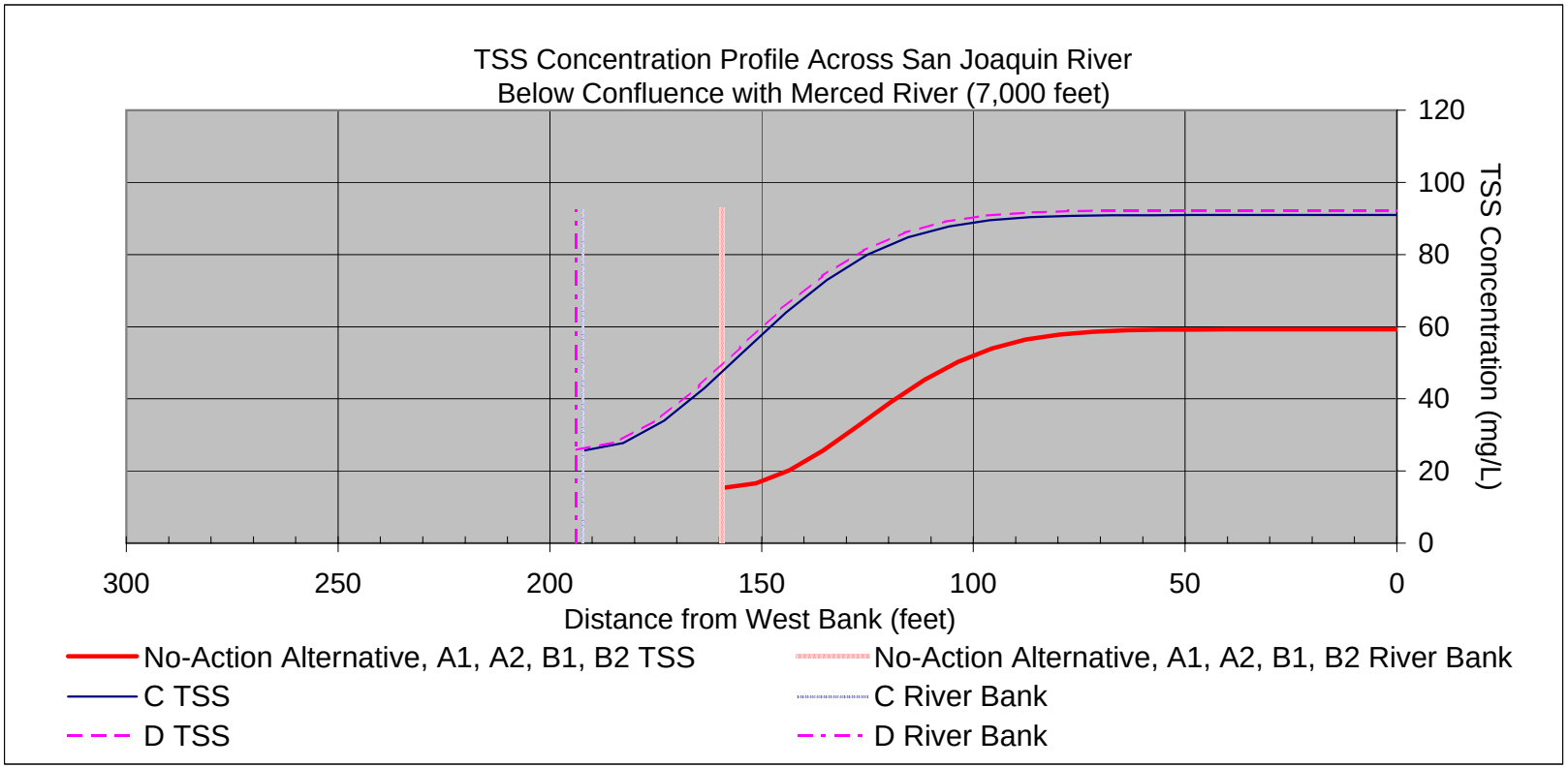
Dry March 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	50	20
Alternative A1	0	0	58	11	50	20
Alternative A2	0	0	58	11	50	20
Alternative B1	462	132	58	11	78	26
Alternative B2	462	132	58	11	78	26
Alternative C	462	132	58	11	78	26
Alternative D	462	132	58	11	78	26



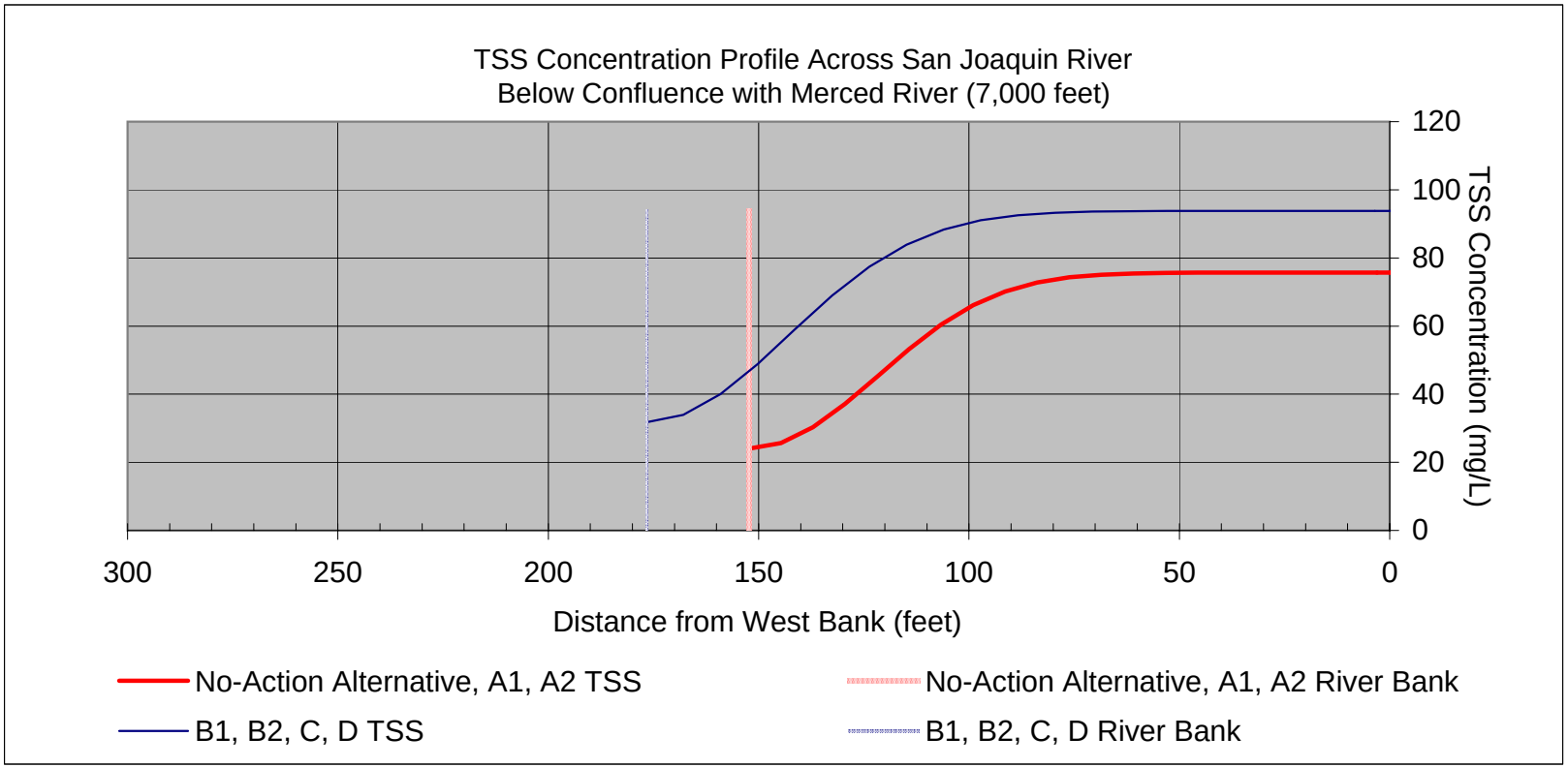
Dry April 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	60	31
Alternative A1	0	0	71	14	60	31
Alternative A2	0	0	71	14	60	31
Alternative B1	0	0	71	14	60	31
Alternative B2	0	0	71	14	60	31
Alternative C	1150	132	71	14	119	44
Alternative D	1224	132	71	14	120	44



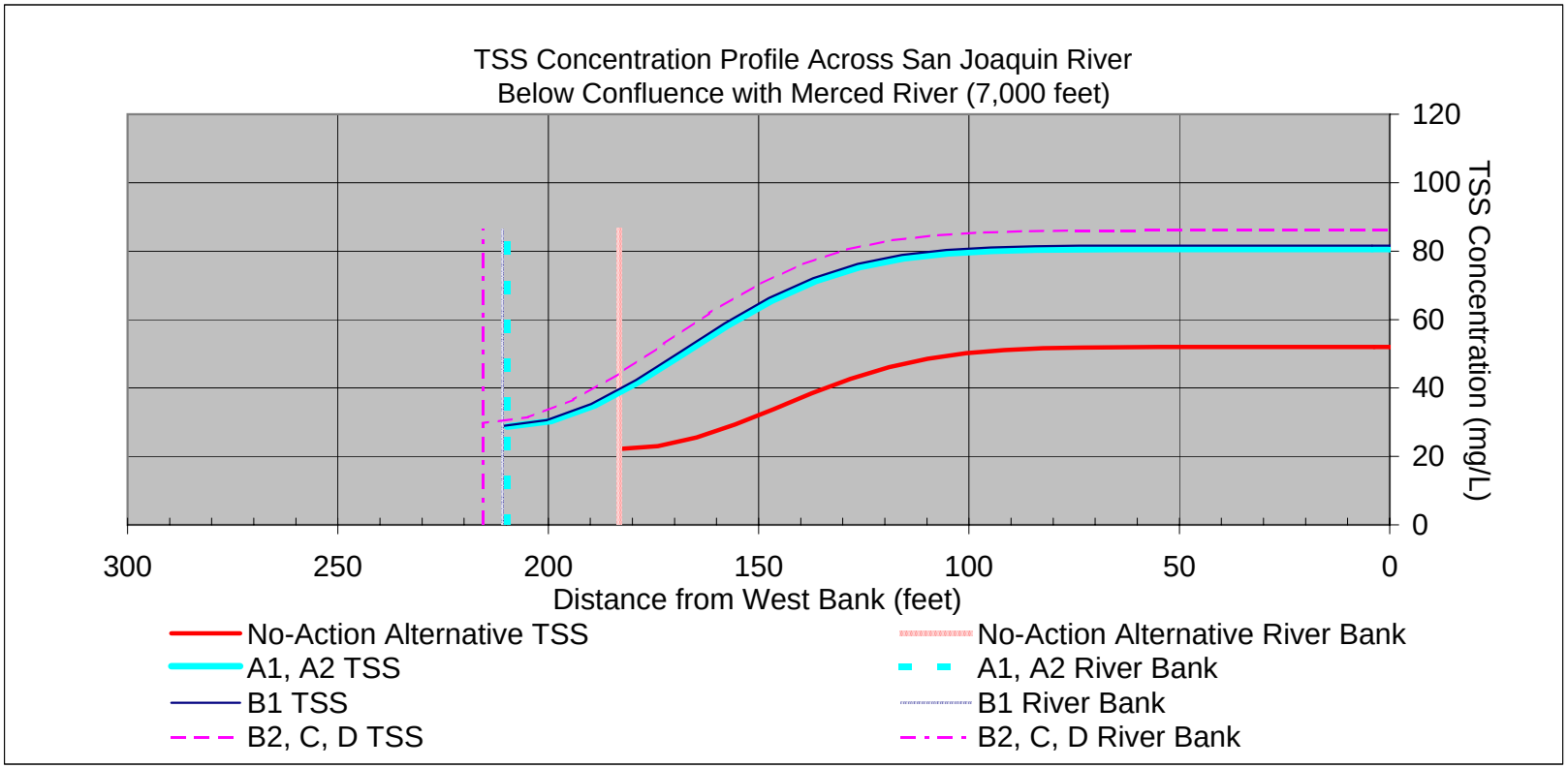
Dry May 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	59	15
Alternative A1	0	0	79	5	59	15
Alternative A2	0	0	79	5	59	15
Alternative B1	0	0	79	5	59	15
Alternative B2	0	0	79	5	59	15
Alternative C	497	132	79	5	91	26
Alternative D	525	132	79	5	92	26



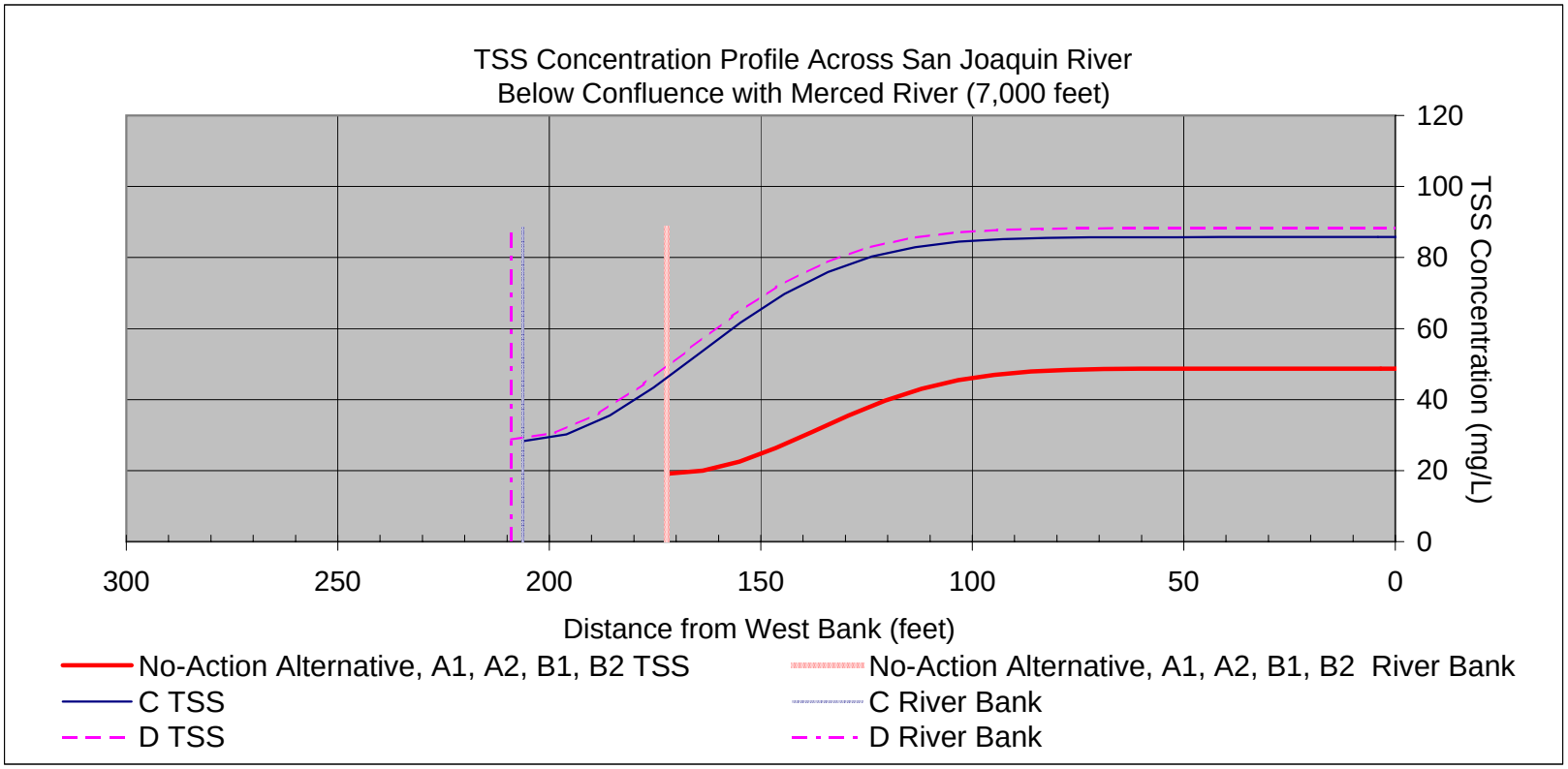
Dry June 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	76	24
Alternative A1	0	0	100	8	76	24
Alternative A2	0	0	100	8	76	24
Alternative B1	313	132	100	8	94	32
Alternative B2	313	132	100	8	94	32
Alternative C	313	132	100	8	94	32
Alternative D	313	132	100	8	94	32



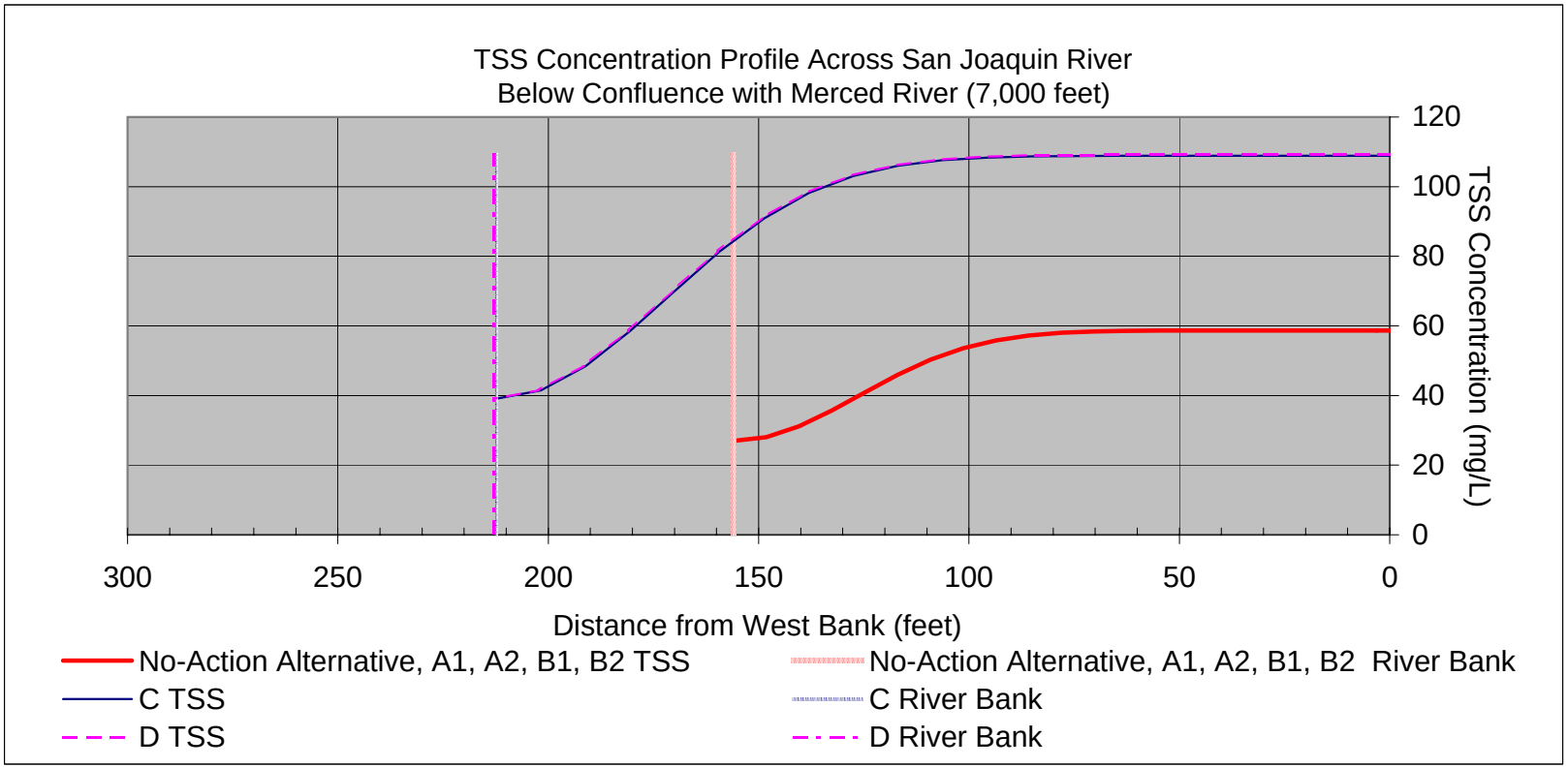
Below Normal Feb 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	52	22
Alternative A1	526	132	60	15	81	29
Alternative A2	526	132	60	15	81	29
Alternative B1	550	132	60	15	82	29
Alternative B2	663	132	60	15	86	30
Alternative C	663	132	60	15	86	30
Alternative D	663	132	60	15	86	30



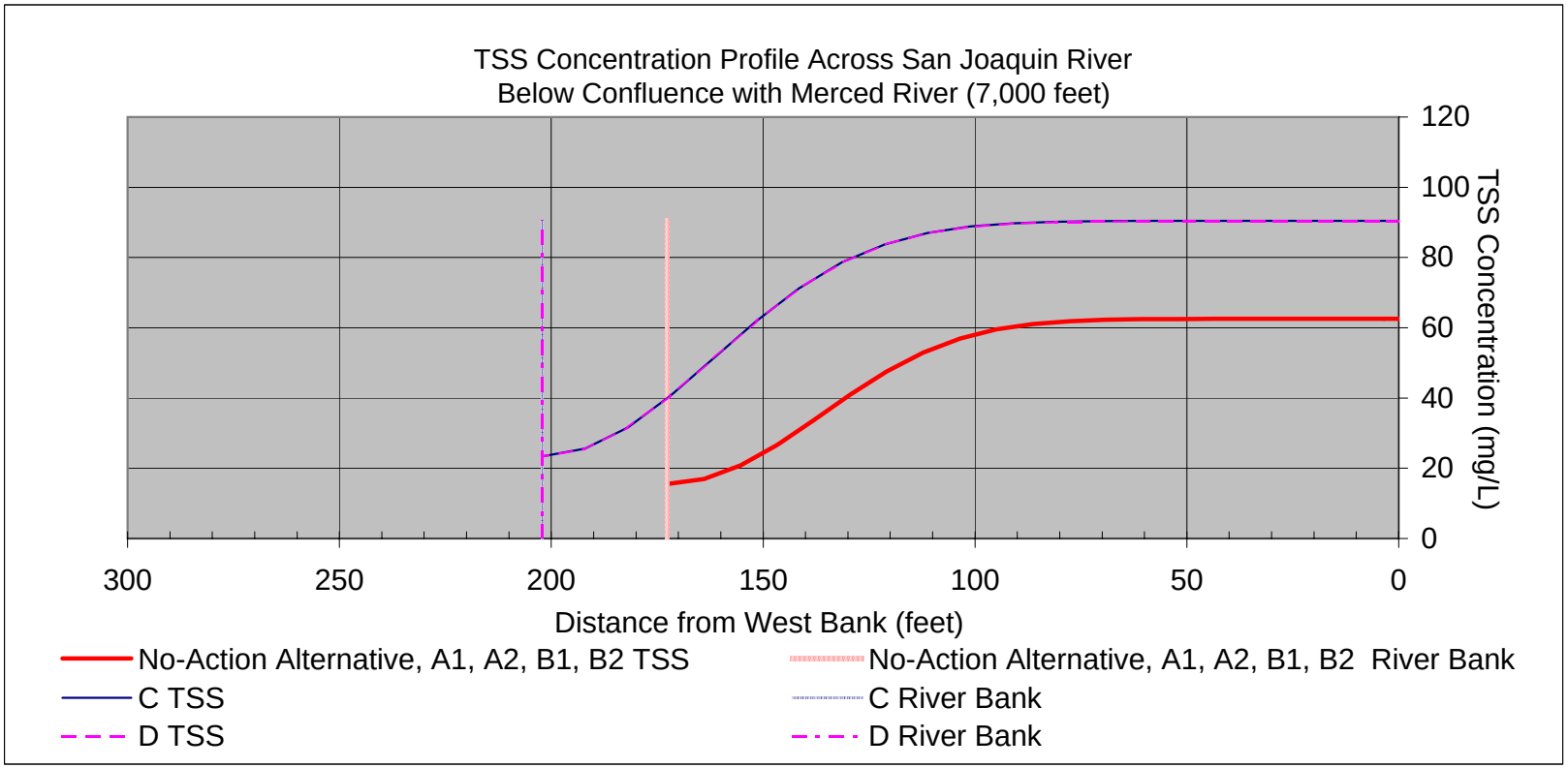
Below Normal March 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	49	19
Alternative A1	0	0	58	11	49	19
Alternative A2	0	0	58	11	49	19
Alternative B1	0	0	58	11	49	19
Alternative B2	0	0	58	11	49	19
Alternative C	613	132	58	11	86	28
Alternative D	674	132	58	11	88	29



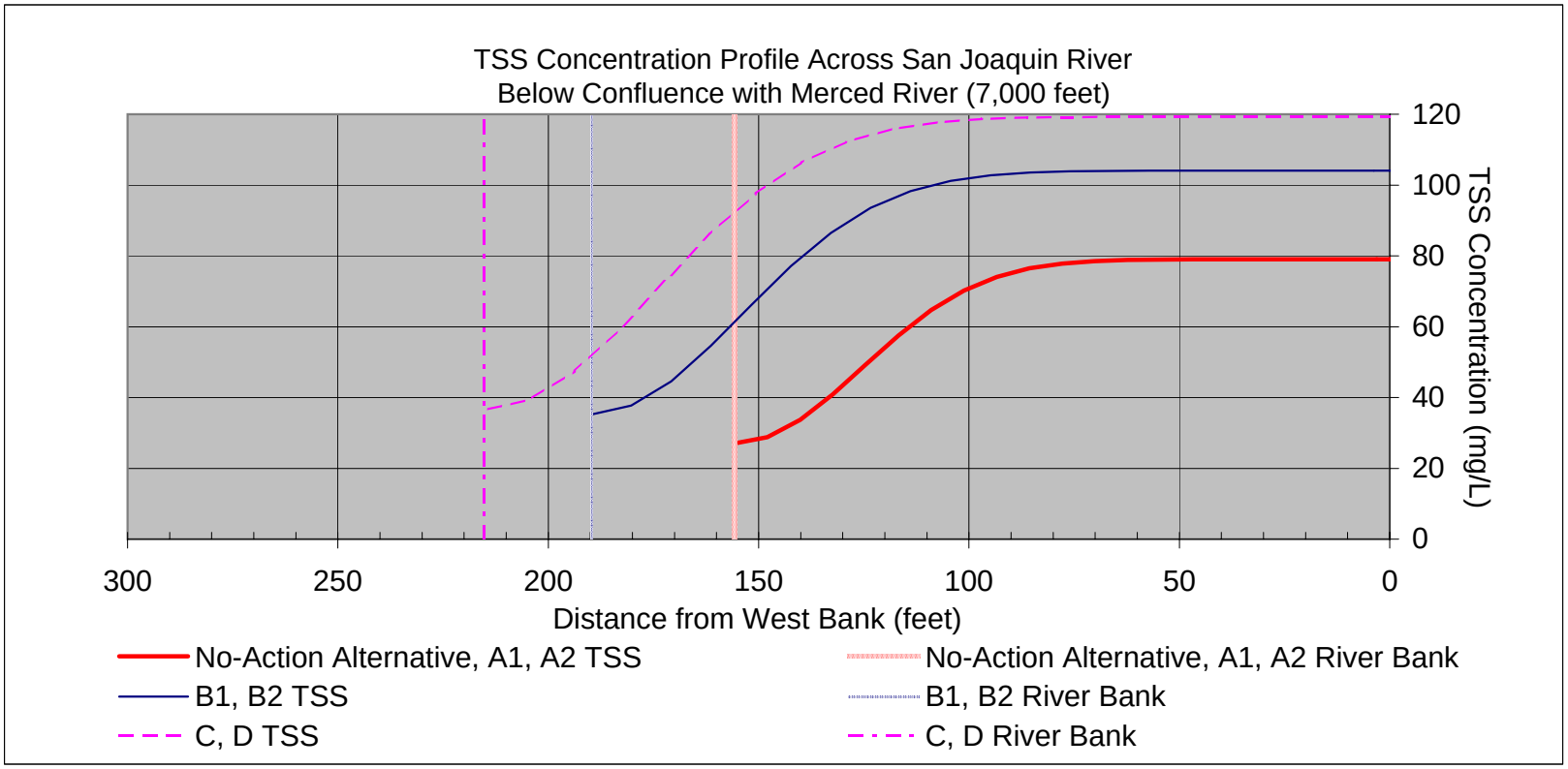
Below Normal April 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	59	27
Alternative A1	0	0	71	14	59	27
Alternative A2	0	0	71	14	59	27
Alternative B1	0	0	71	14	59	27
Alternative B2	0	0	71	14	59	27
Alternative C	960	132	71	14	109	39
Alternative D	973	132	71	14	109	39



Below Normal May 2003

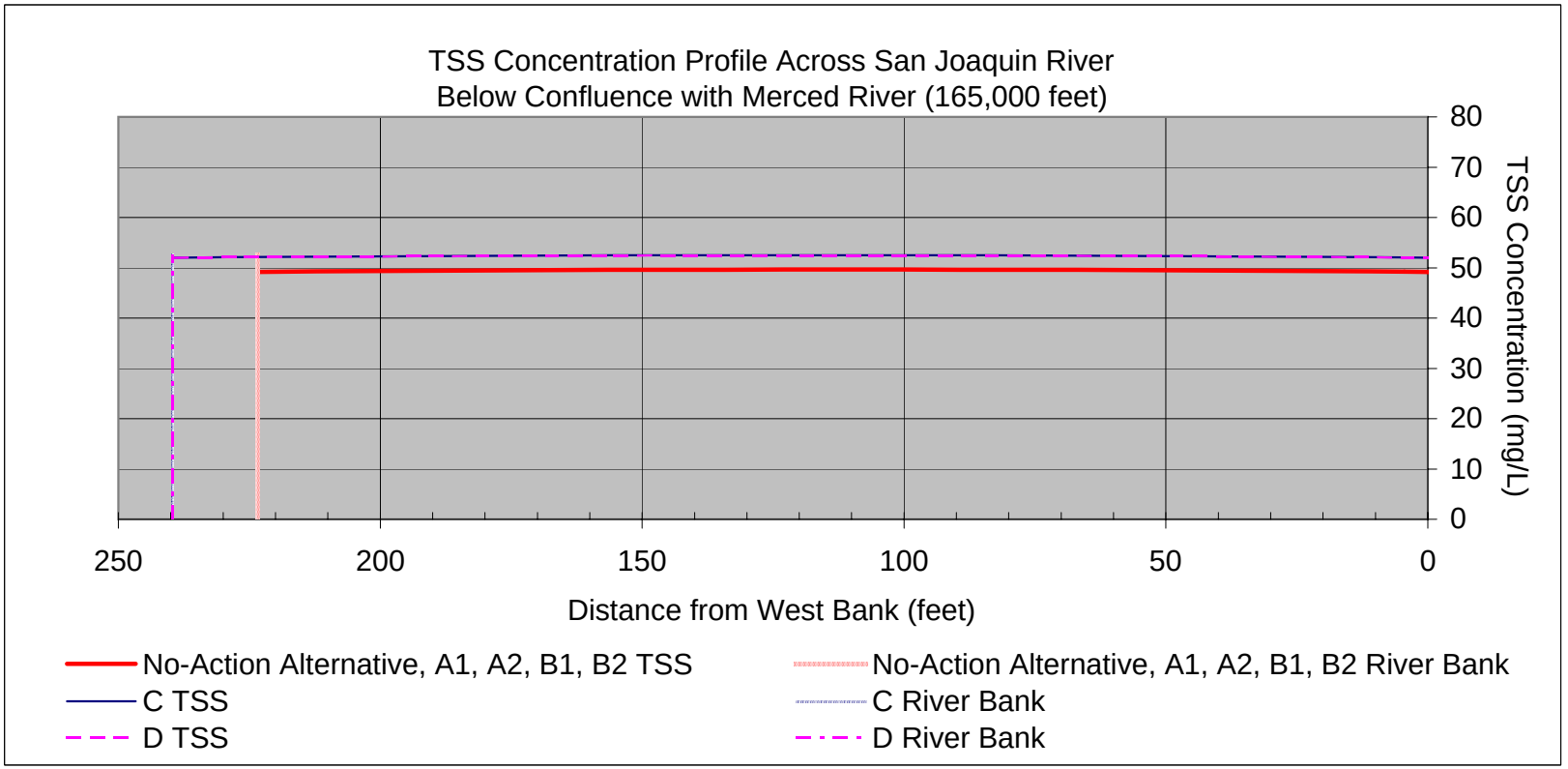
Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	63	16
Alternative A1	0	0	79	5	63	16
Alternative A2	0	0	79	5	63	16
Alternative B1	0	0	79	5	63	16
Alternative B2	0	0	79	5	63	16
Alternative C	520	132	79	5	90	23
Alternative D	519	132	79	5	90	23



Below Normal June 2003

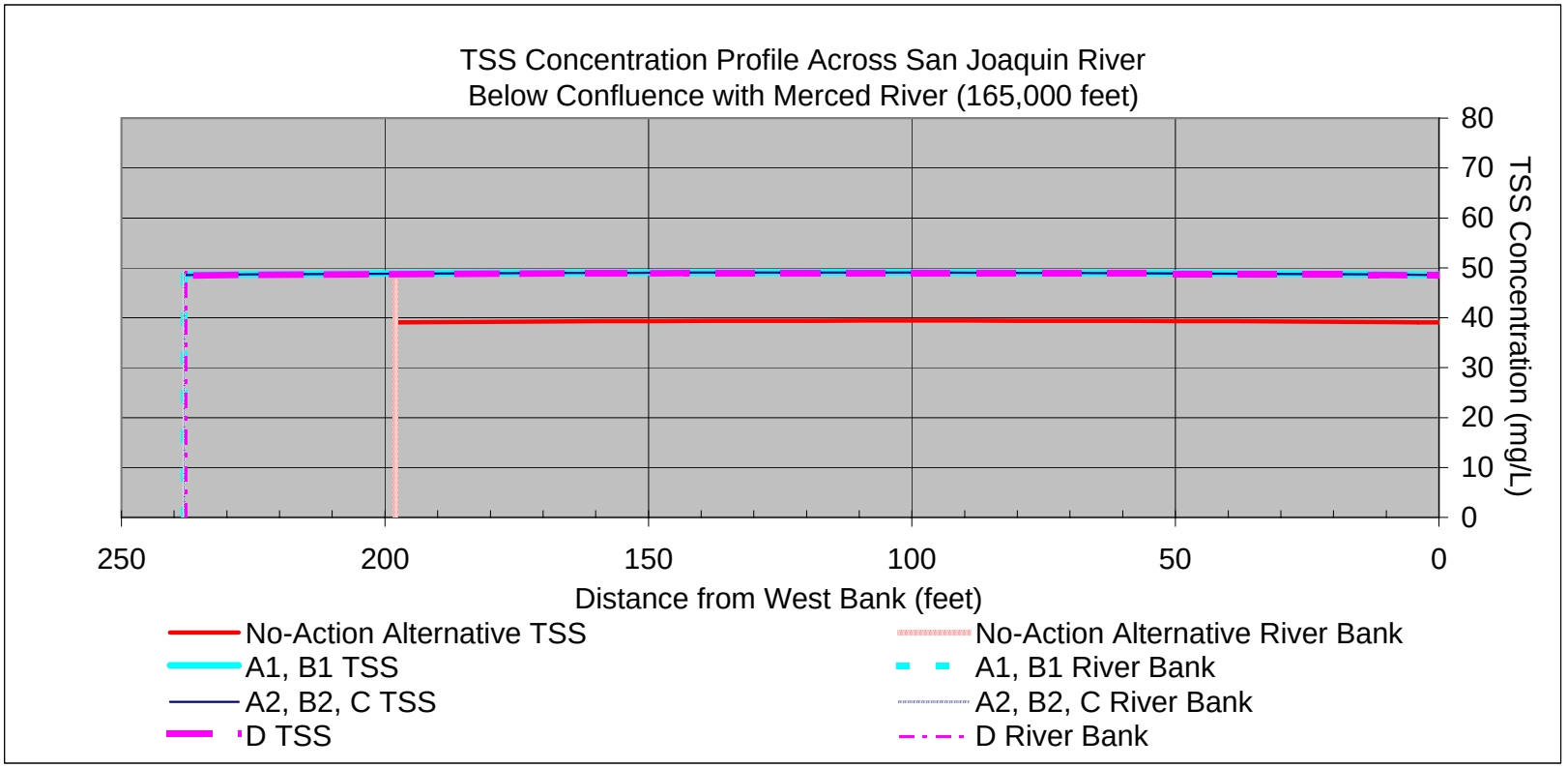
Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 7,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	79	27
Alternative A1	0	0	100	8	79	27
Alternative A2	0	0	100	8	79	27
Alternative B1	493	132	100	8	104	35
Alternative B2	493	132	100	8	104	35
Alternative C	1032	132	100	8	119	36
Alternative D	1032	132	100	8	119	36

San Joaquin River Lateral TSS Concentration Results Figures
165,000 feet



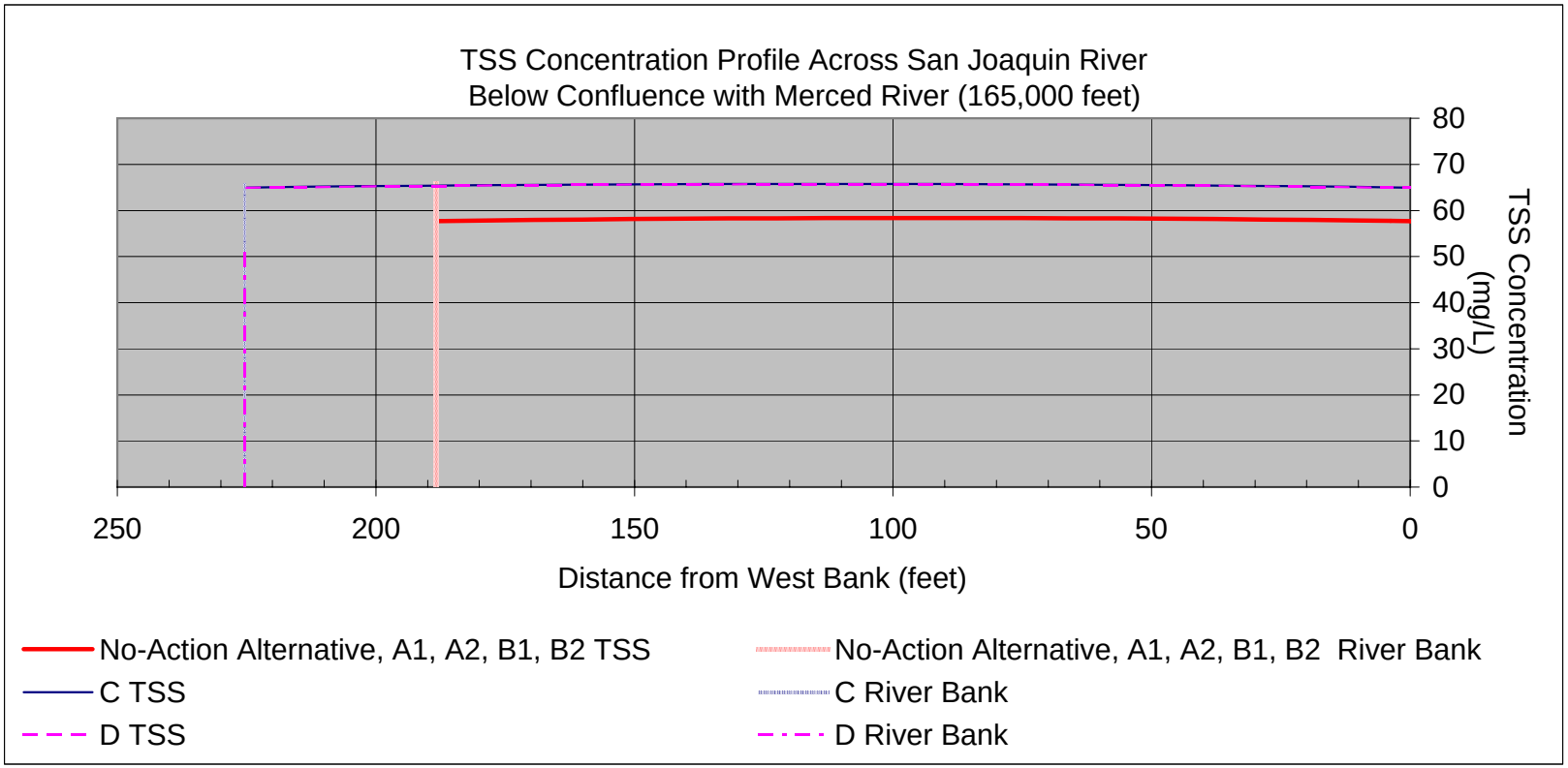
Above Normal Feb 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	49	49
Alternative A1	0	0	60	15	49	49
Alternative A2	0	0	60	15	49	49
Alternative B1	0	0	60	15	49	49
Alternative B2	0	0	60	15	49	49
Alternative C	473	132	60	15	52	52
Alternative D	472	132	60	15	52	52



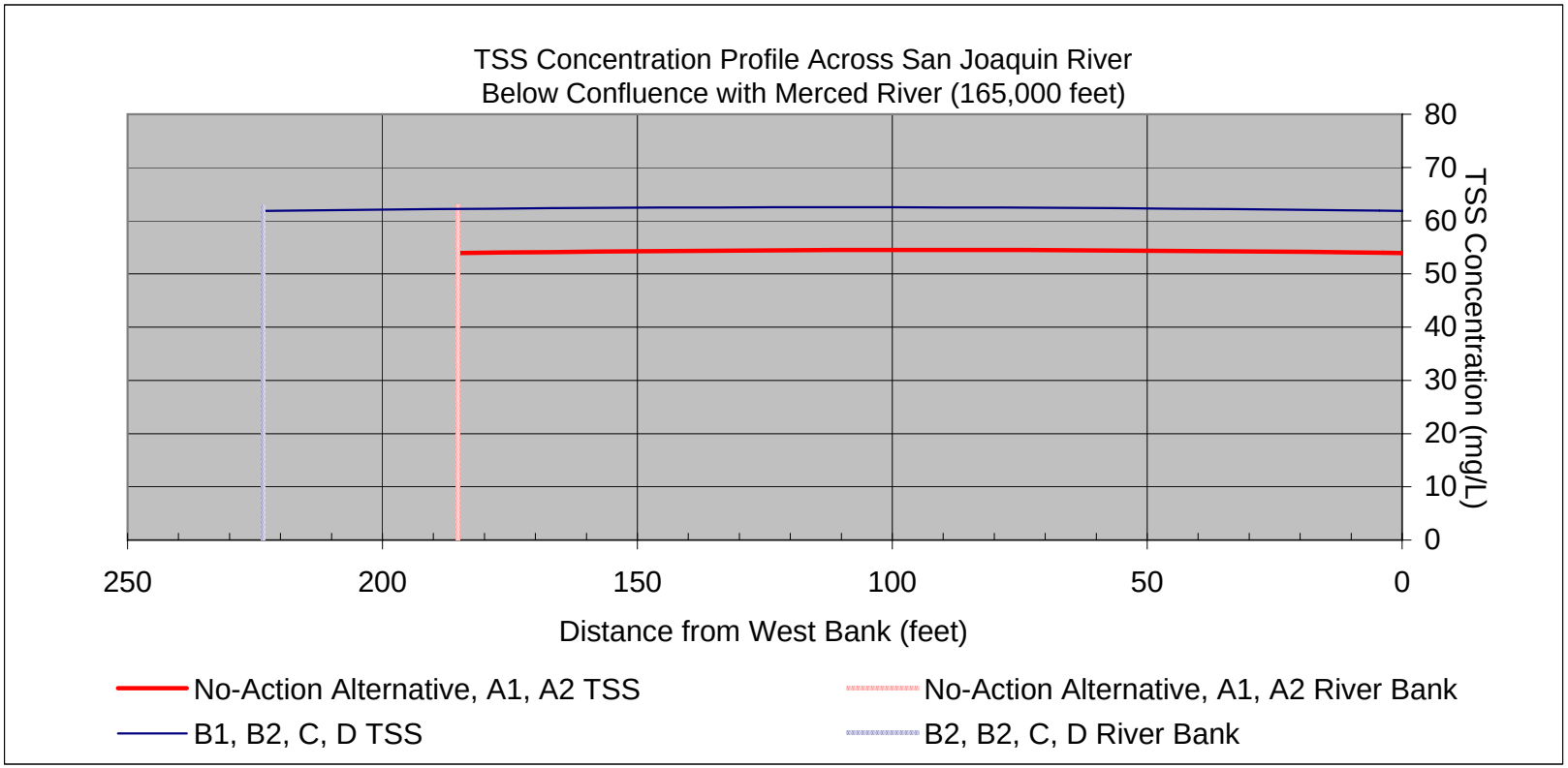
Above Normal March 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	39	39
Alternative A1	1019	132	58	11	49	49
Alternative A2	1016	132	58	11	49	49
Alternative B1	1019	132	58	11	49	49
Alternative B2	1016	132	58	11	49	49
Alternative C	1016	132	58	11	49	49
Alternative D	1009	132	58	11	49	49



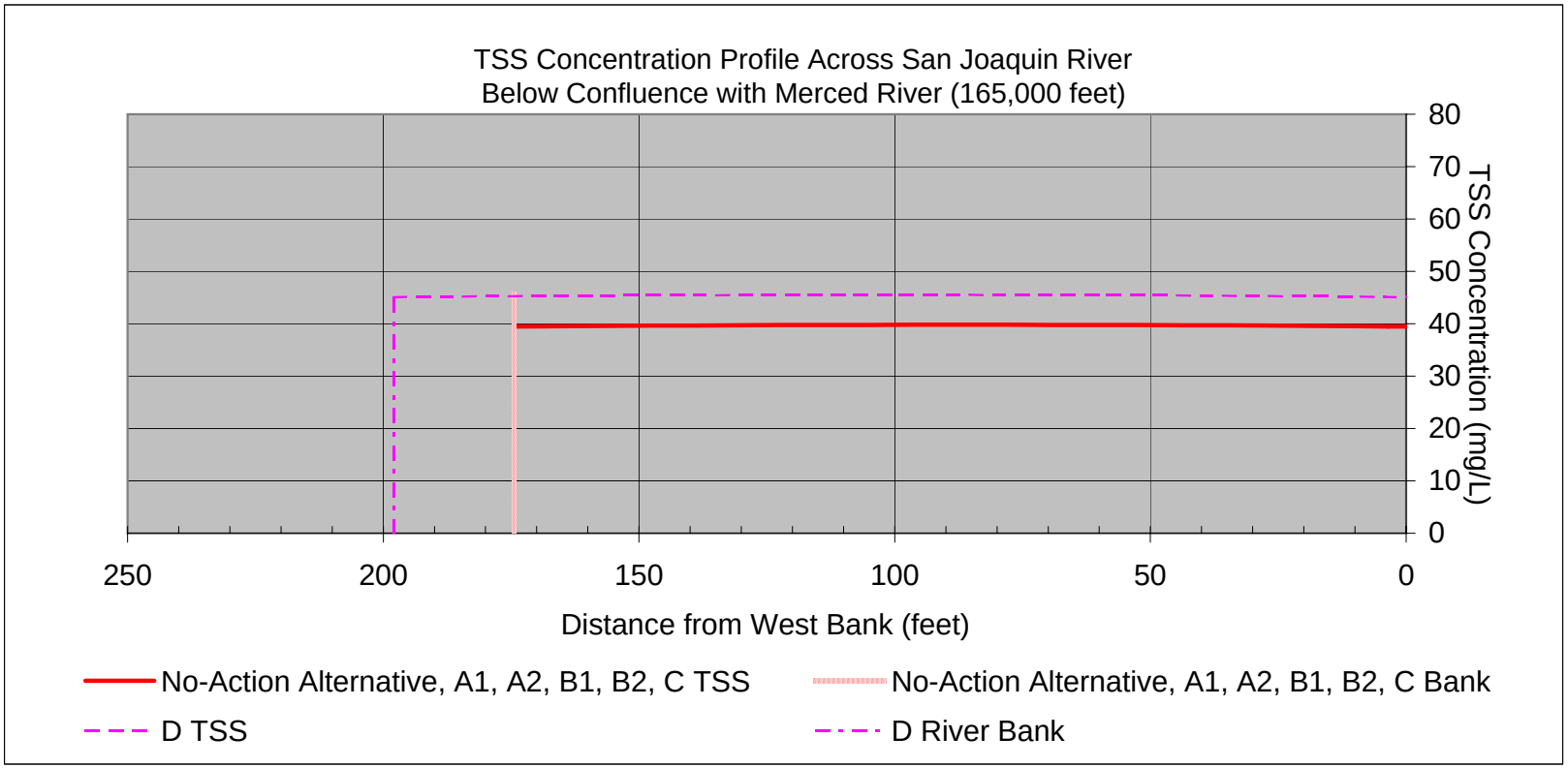
Above Normal May 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	58	58
Alternative A1	0	0	79	5	58	58
Alternative A2	0	0	79	5	58	58
Alternative B1	0	0	79	5	58	58
Alternative B2	0	0	79	5	58	58
Alternative C	830	132	79	5	65	65
Alternative D	827	132	79	5	65	65



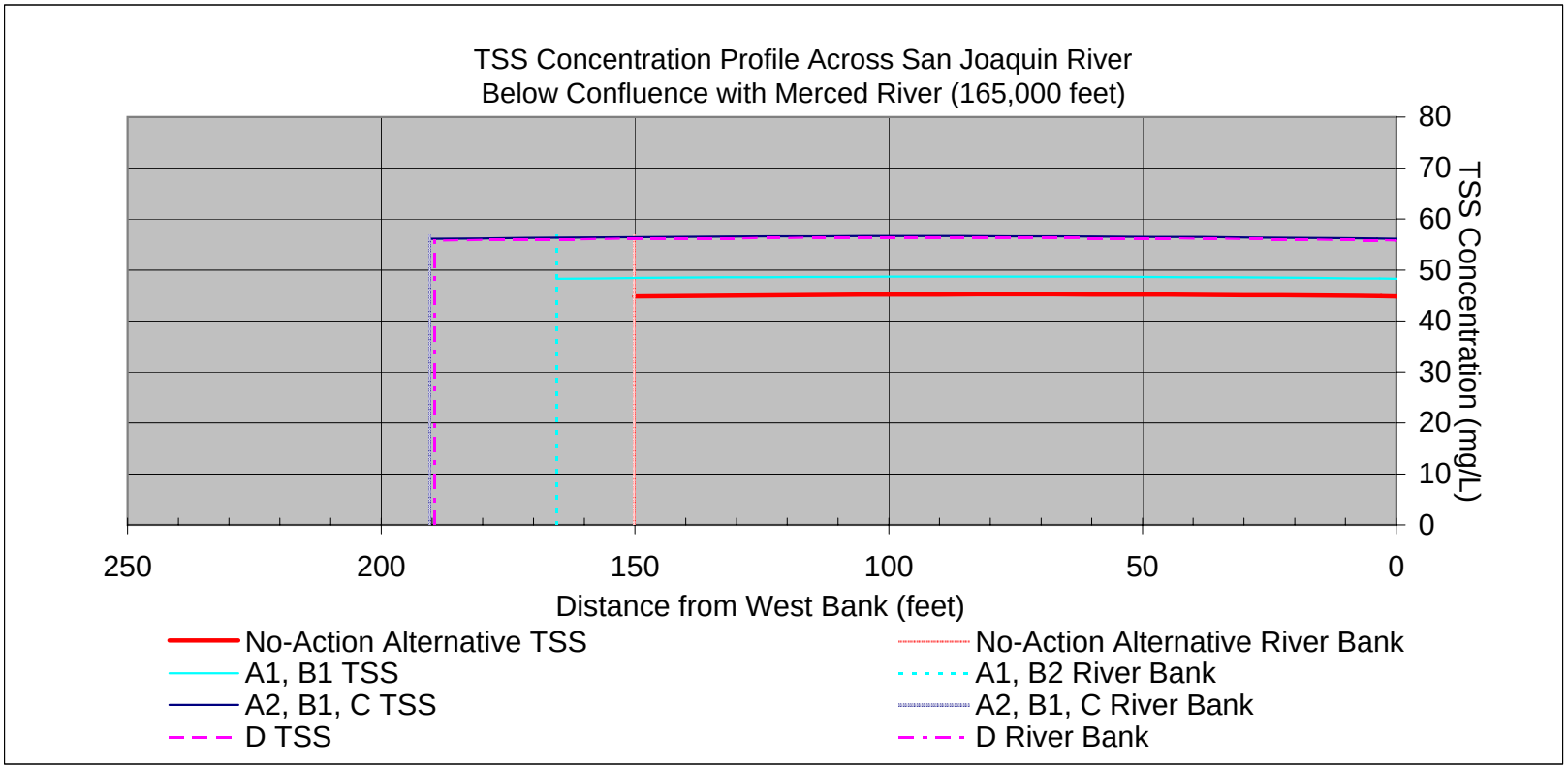
Above Normal June 1963

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	54	54
Alternative A1	0	0	100	8	54	54
Alternative A2	0	0	100	8	54	54
Alternative B1	828	132	100	8	62	62
Alternative B2	828	132	100	8	62	62
Alternative C	828	132	100	8	62	62
Alternative D	828	132	100	8	62	62



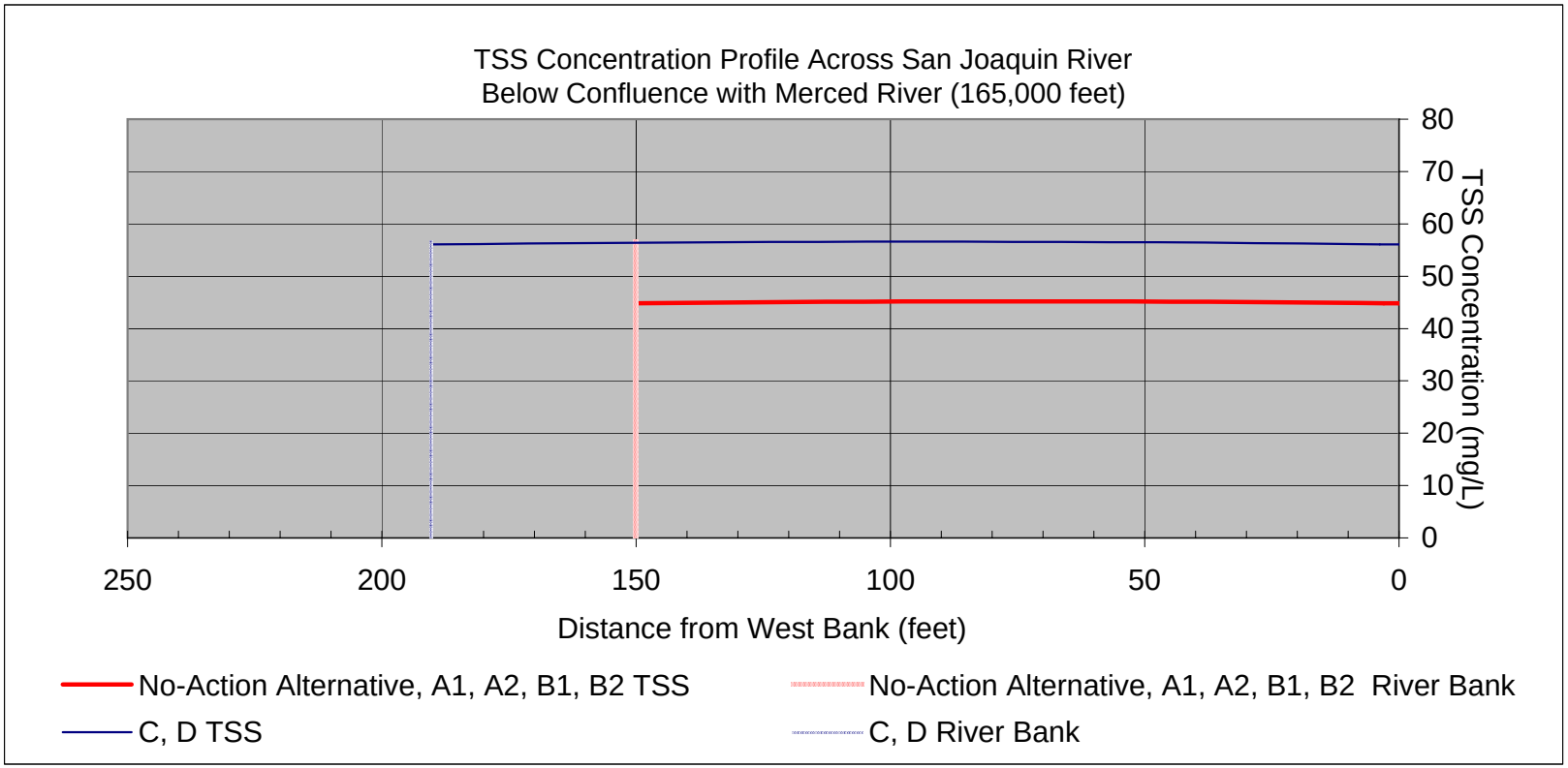
Critical March 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	39	39
Alternative A1	0	0	58	11	39	39
Alternative A2	0	0	58	11	39	39
Alternative B1	0	0	58	11	39	39
Alternative B2	0	0	58	11	39	39
Alternative C	0	0	58	11	39	39
Alternative D	408	132	58	11	45	45



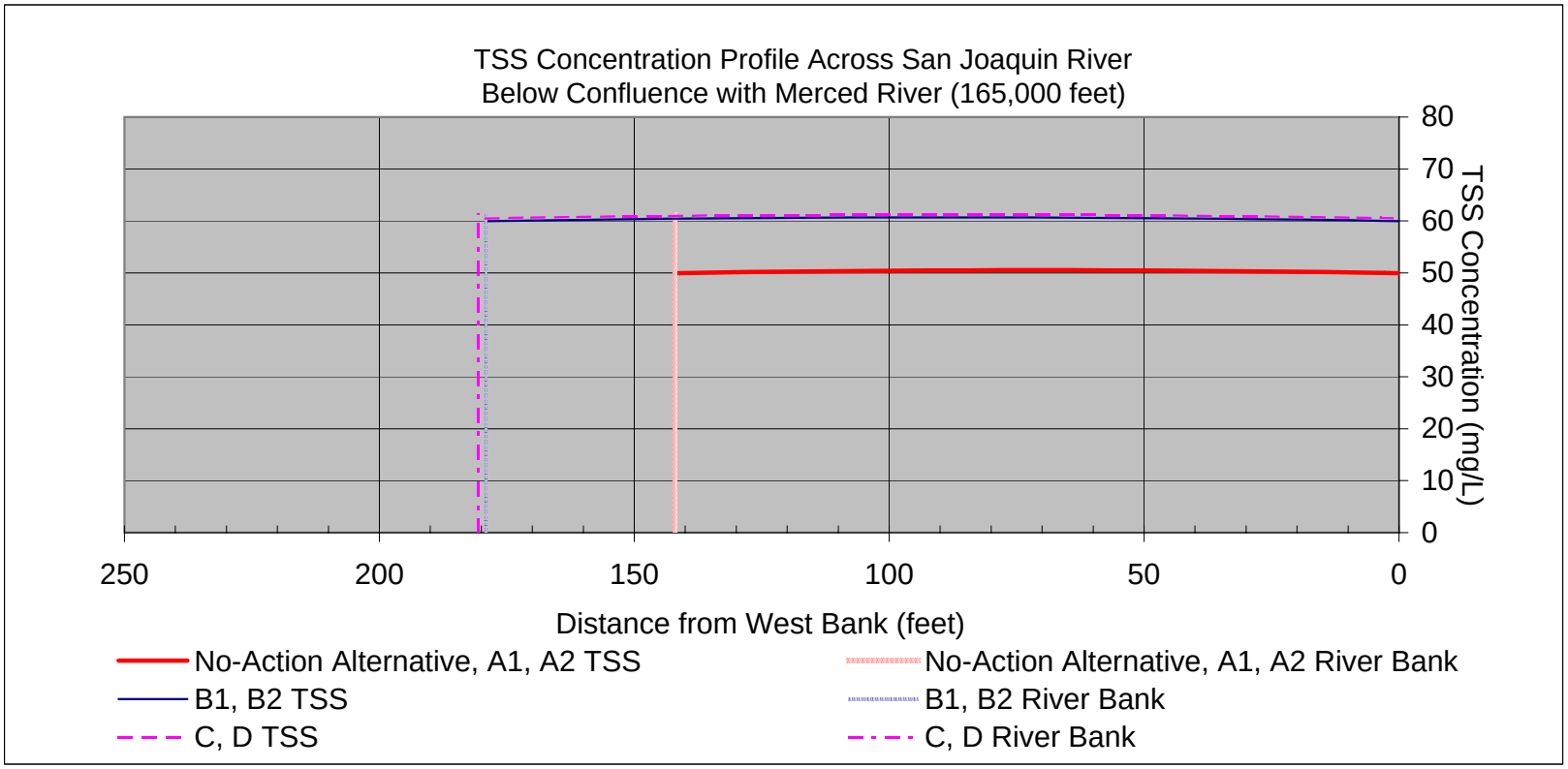
Critical April 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	45	45
Alternative A1	178	131	71	14	48	48
Alternative A2	564	132	71	14	56	56
Alternative B1	178	131	71	14	48	48
Alternative B2	564	132	71	14	56	56
Alternative C	564	132	71	14	56	56
Alternative D	549	132	71	14	56	56



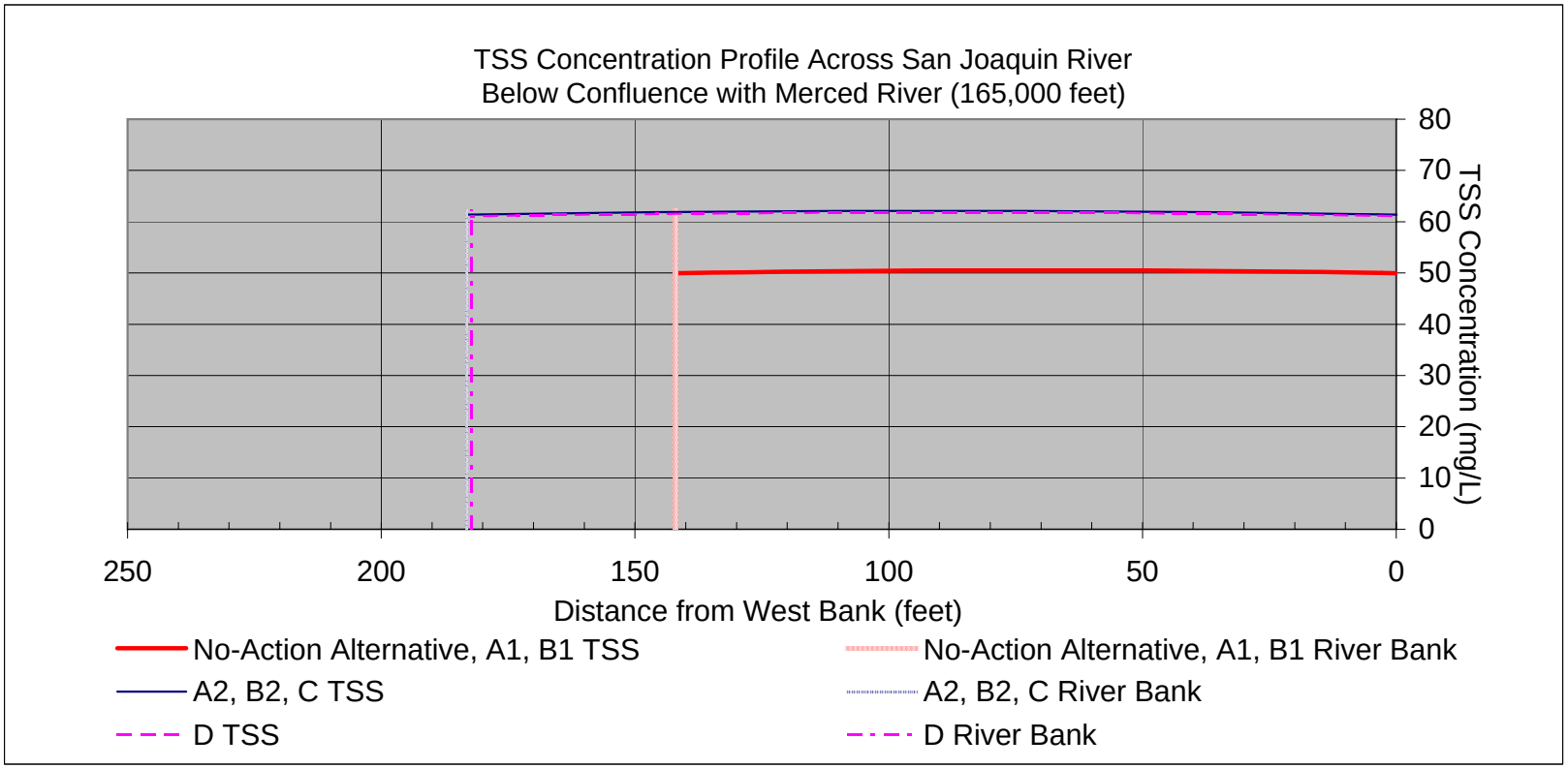
Critical April-P 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	45	45
Alternative A1	0	0	71	14	45	45
Alternative A2	0	0	71	14	45	45
Alternative B1	0	0	71	14	45	45
Alternative B2	0	0	71	14	45	45
Alternative C	562	132	71	14	56	56
Alternative D	562	132	71	14	56	56



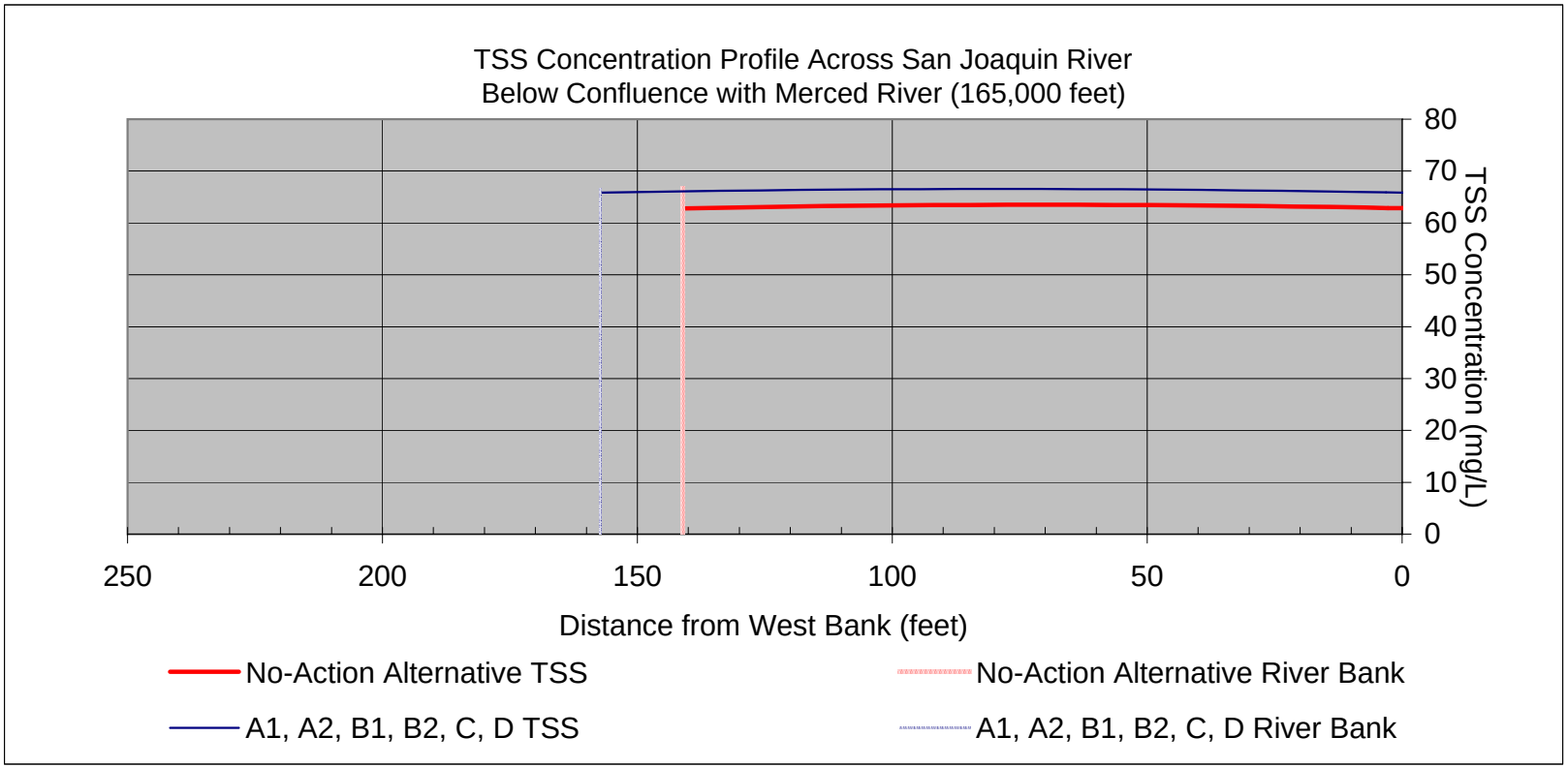
Critical May-P 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	50	50
Alternative A1	0	0	79	5	50	50
Alternative A2	0	0	79	5	50	50
Alternative B1	450	132	79	5	60	60
Alternative B2	450	132	79	5	60	60
Alternative C	476	132	79	5	61	61
Alternative D	476	132	79	5	61	61



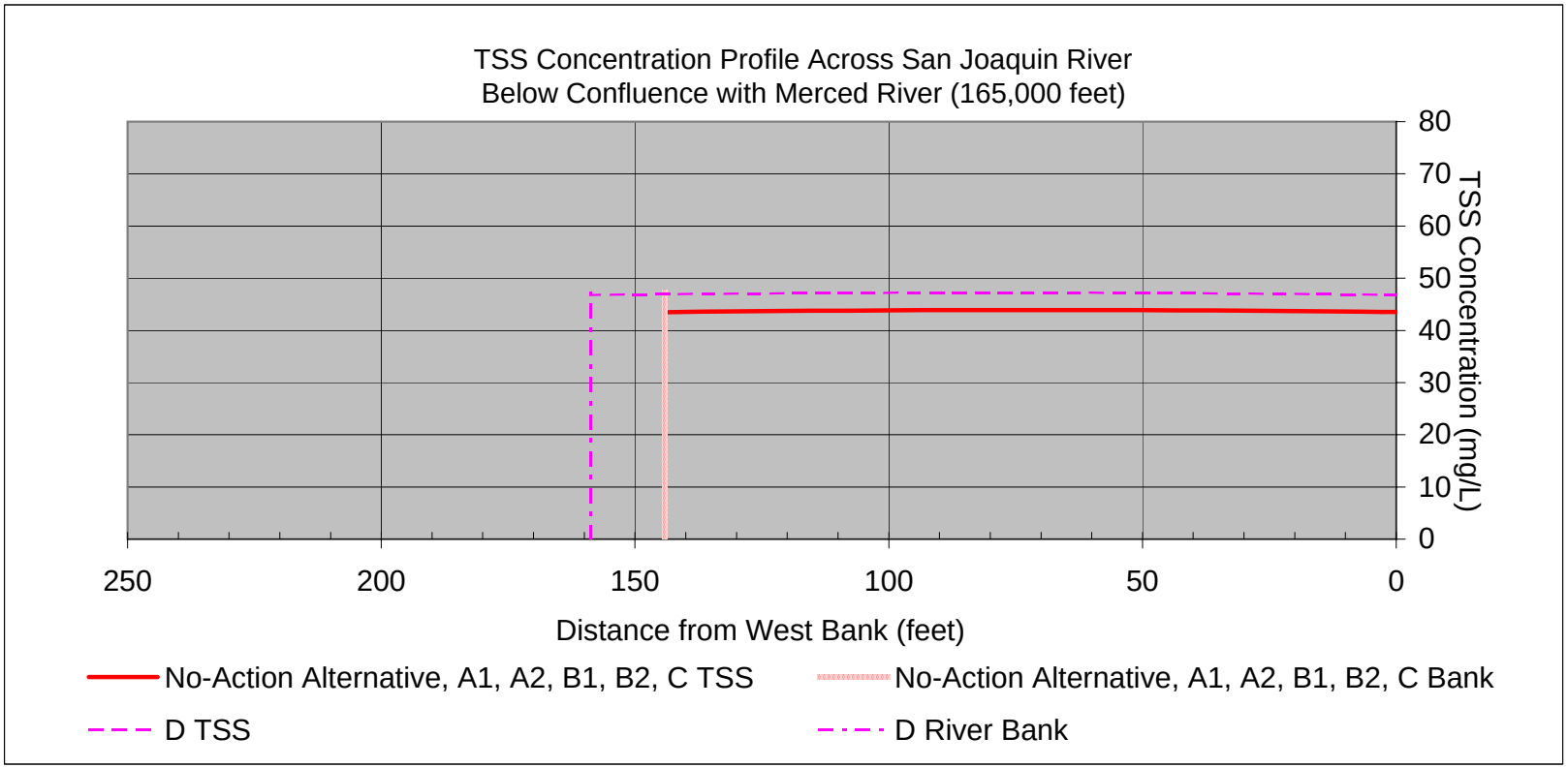
Critical May 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	50	50
Alternative A1	0	0	79	5	50	50
Alternative A2	516	132	79	5	61	61
Alternative B1	0	0	79	5	50	50
Alternative B2	516	132	79	5	61	61
Alternative C	516	132	79	5	61	61
Alternative D	503	132	79	5	61	61



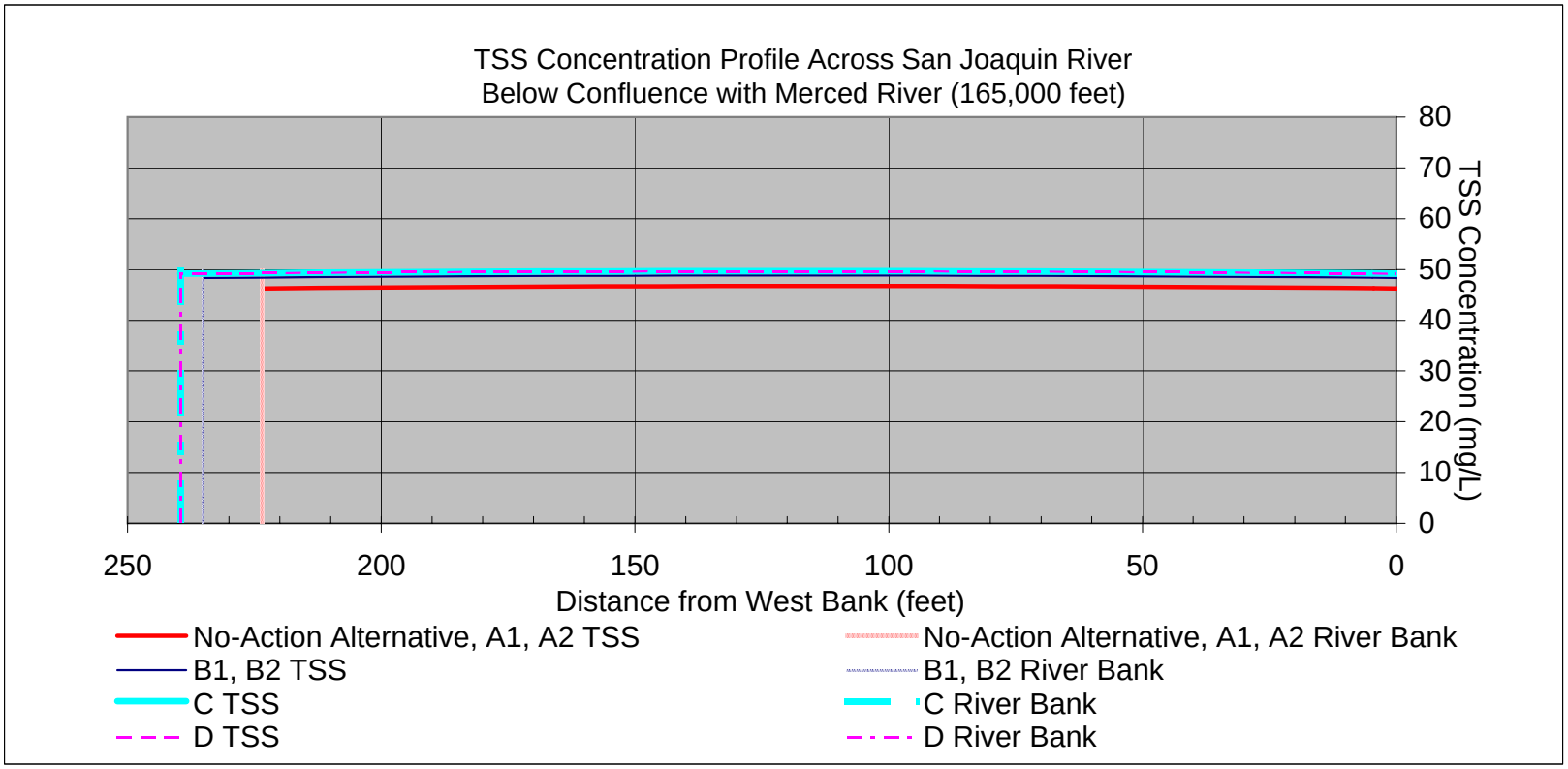
Critical June 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	63	63
Alternative A1	164	131	100	8	66	66
Alternative A2	164	131	100	8	66	66
Alternative B1	164	131	100	8	66	66
Alternative B2	164	131	100	8	66	66
Alternative C	164	131	100	8	66	66
Alternative D	164	131	100	8	66	66



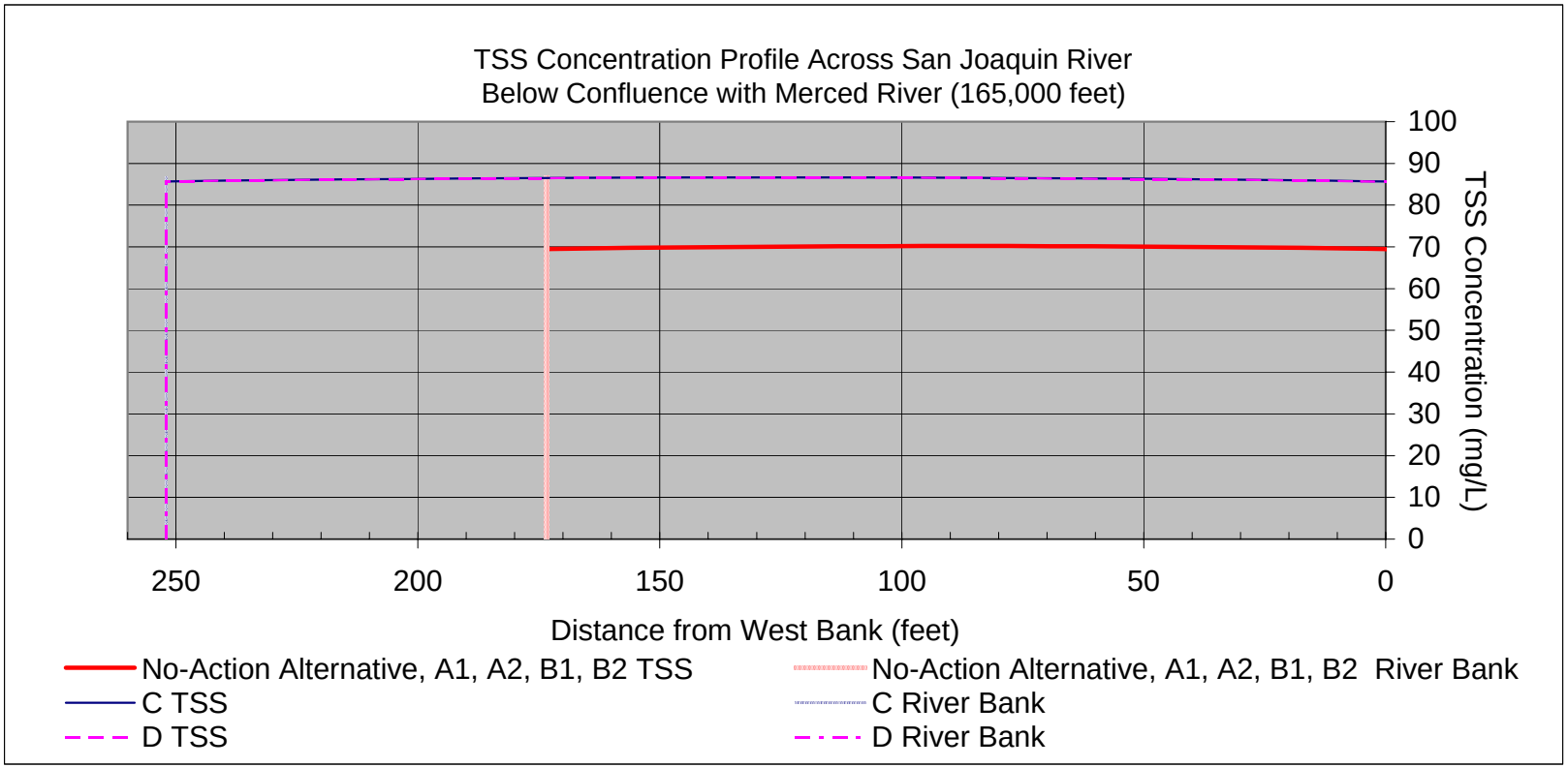
Critical Oct 1992

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	80	12	44	44
Alternative A1	0	0	80	12	44	44
Alternative A2	0	0	80	12	44	44
Alternative B1	0	0	80	12	44	44
Alternative B2	0	0	80	12	44	44
Alternative C	0	0	80	12	44	44
Alternative D	155	131	80	12	47	47



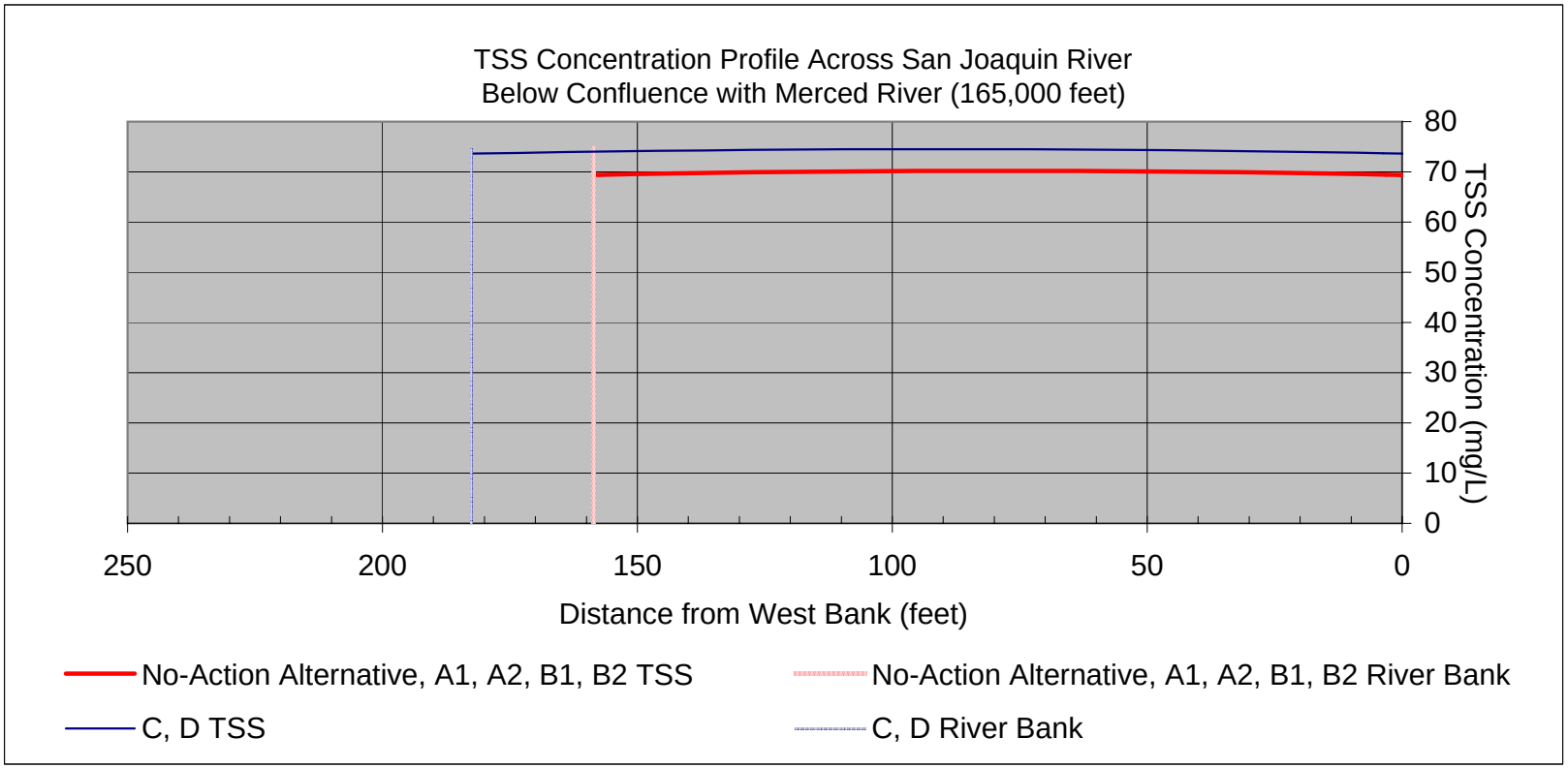
Wet March 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	46	46
Alternative A1	0	0	58	11	46	46
Alternative A2	0	0	58	11	46	46
Alternative B1	332	132	58	11	48	48
Alternative B2	332	132	58	11	48	48
Alternative C	471	132	58	11	49	49
Alternative D	469	132	58	11	49	49



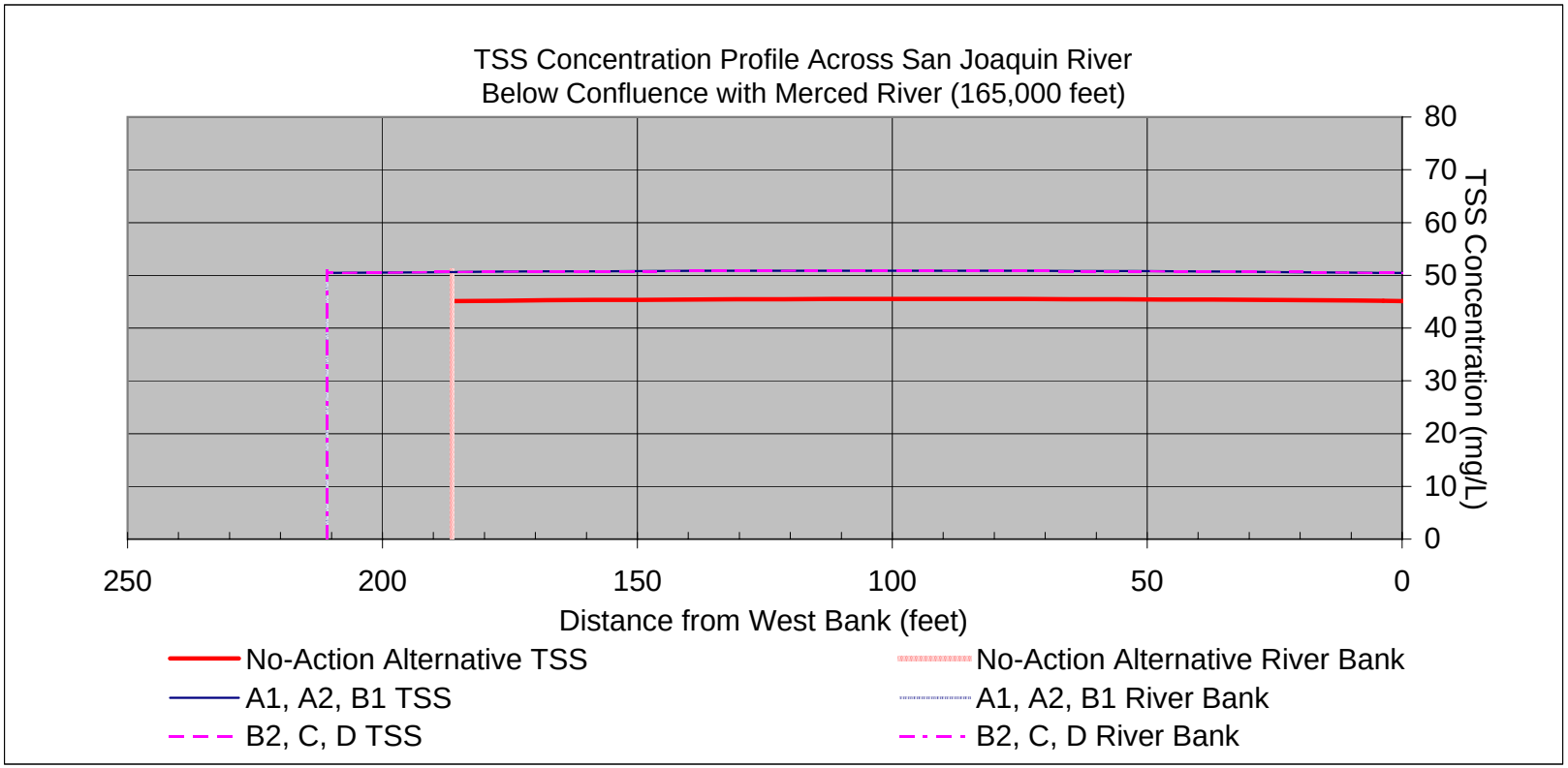
Wet April 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	70	69
Alternative A1	0	0	71	14	70	69
Alternative A2	0	0	71	14	70	69
Alternative B1	0	0	71	14	70	69
Alternative B2	0	0	71	14	70	69
Alternative C	1908	132	71	14	86	86
Alternative D	1907	132	71	14	86	86



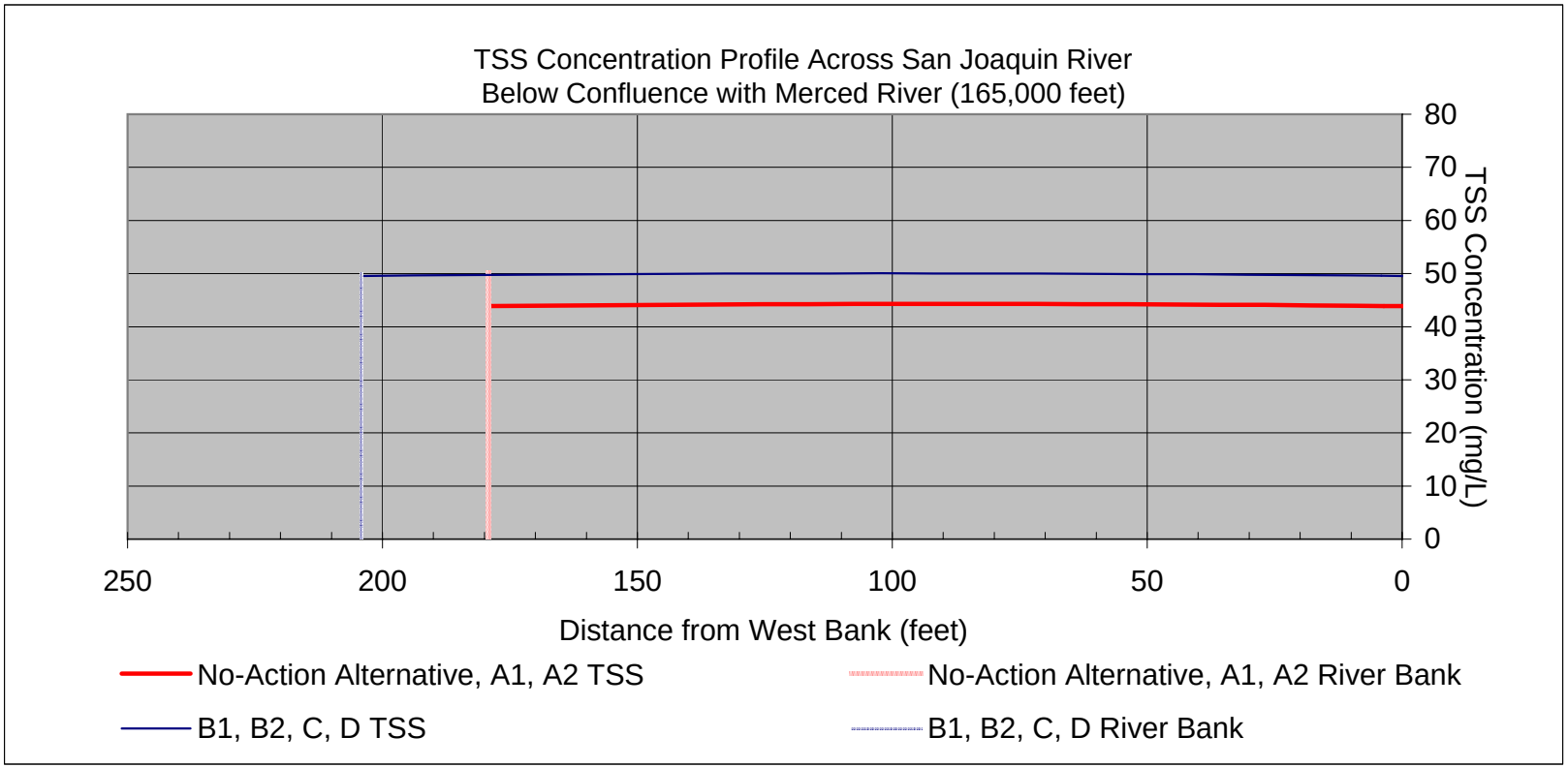
Wet May 1993

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	69	69
Alternative A1	0	0	79	5	69	69
Alternative A2	0	0	79	5	69	69
Alternative B1	0	0	79	5	69	69
Alternative B2	0	0	79	5	69	69
Alternative C	335	132	79	5	74	74
Alternative D	335	132	79	5	74	74



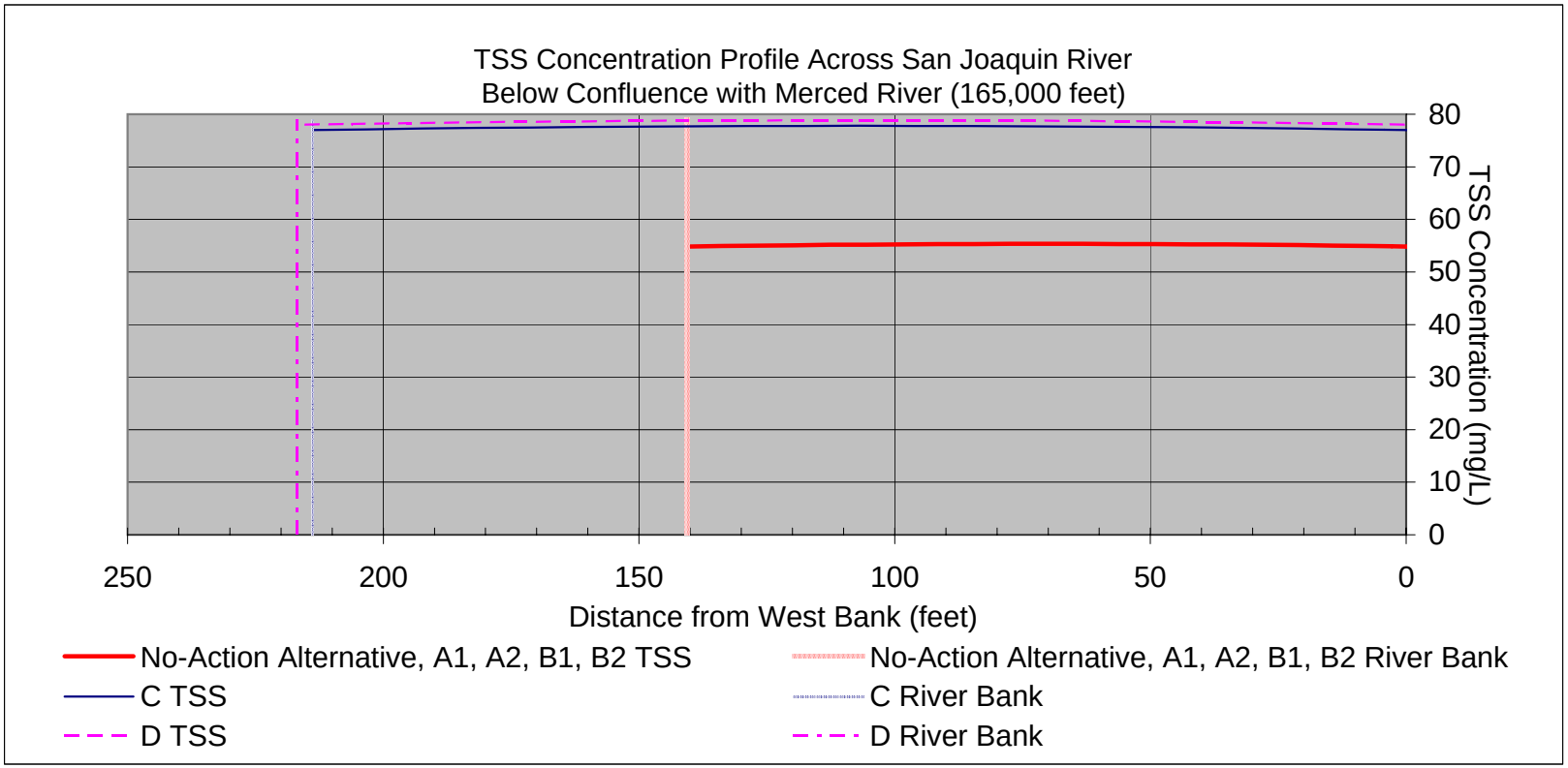
Dry Feb 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	45	45
Alternative A1	494	132	60	15	50	50
Alternative A2	494	132	60	15	50	50
Alternative B1	494	132	60	15	50	50
Alternative B2	495	132	60	15	50	50
Alternative C	495	132	60	15	50	50
Alternative D	495	132	60	15	50	50



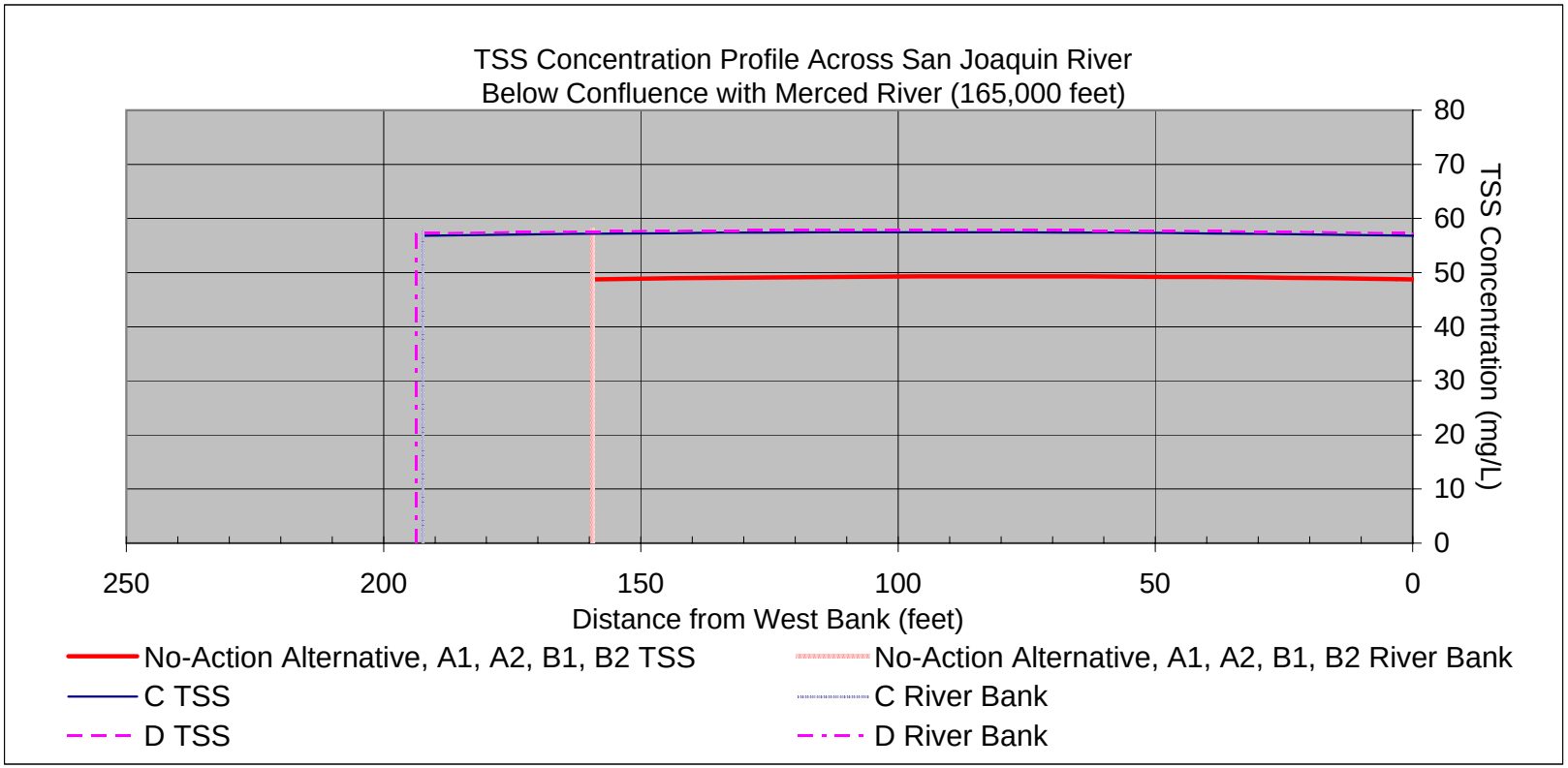
Dry March 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	44	44
Alternative A1	0	0	58	11	44	44
Alternative A2	0	0	58	11	44	44
Alternative B1	462	132	58	11	50	50
Alternative B2	462	132	58	11	50	50
Alternative C	462	132	58	11	50	50
Alternative D	462	132	58	11	50	50



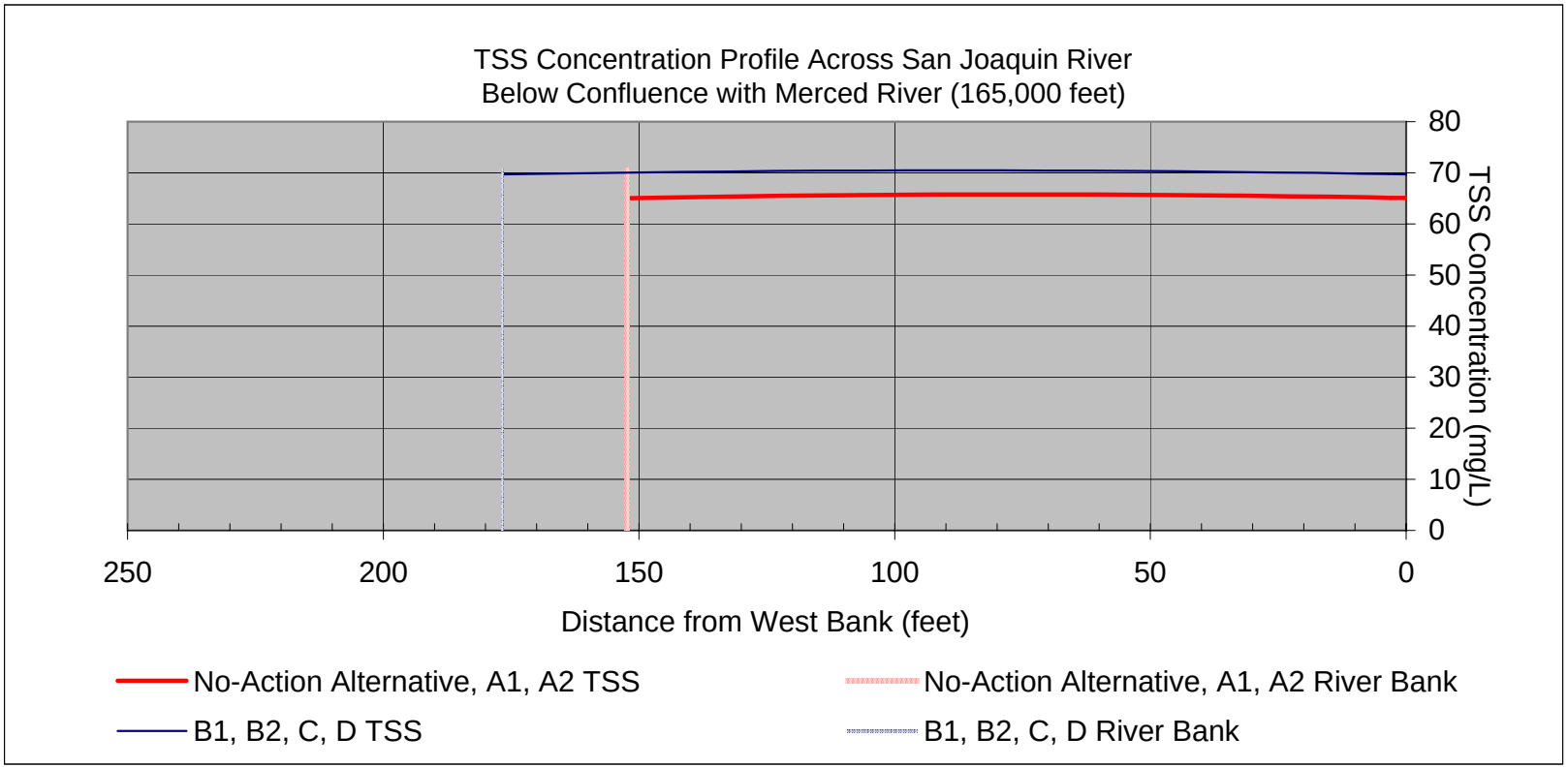
Dry April 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	55	55
Alternative A1	0	0	71	14	55	55
Alternative A2	0	0	71	14	55	55
Alternative B1	0	0	71	14	55	55
Alternative B2	0	0	71	14	55	55
Alternative C	1150	132	71	14	77	77
Alternative D	1224	132	71	14	78	78



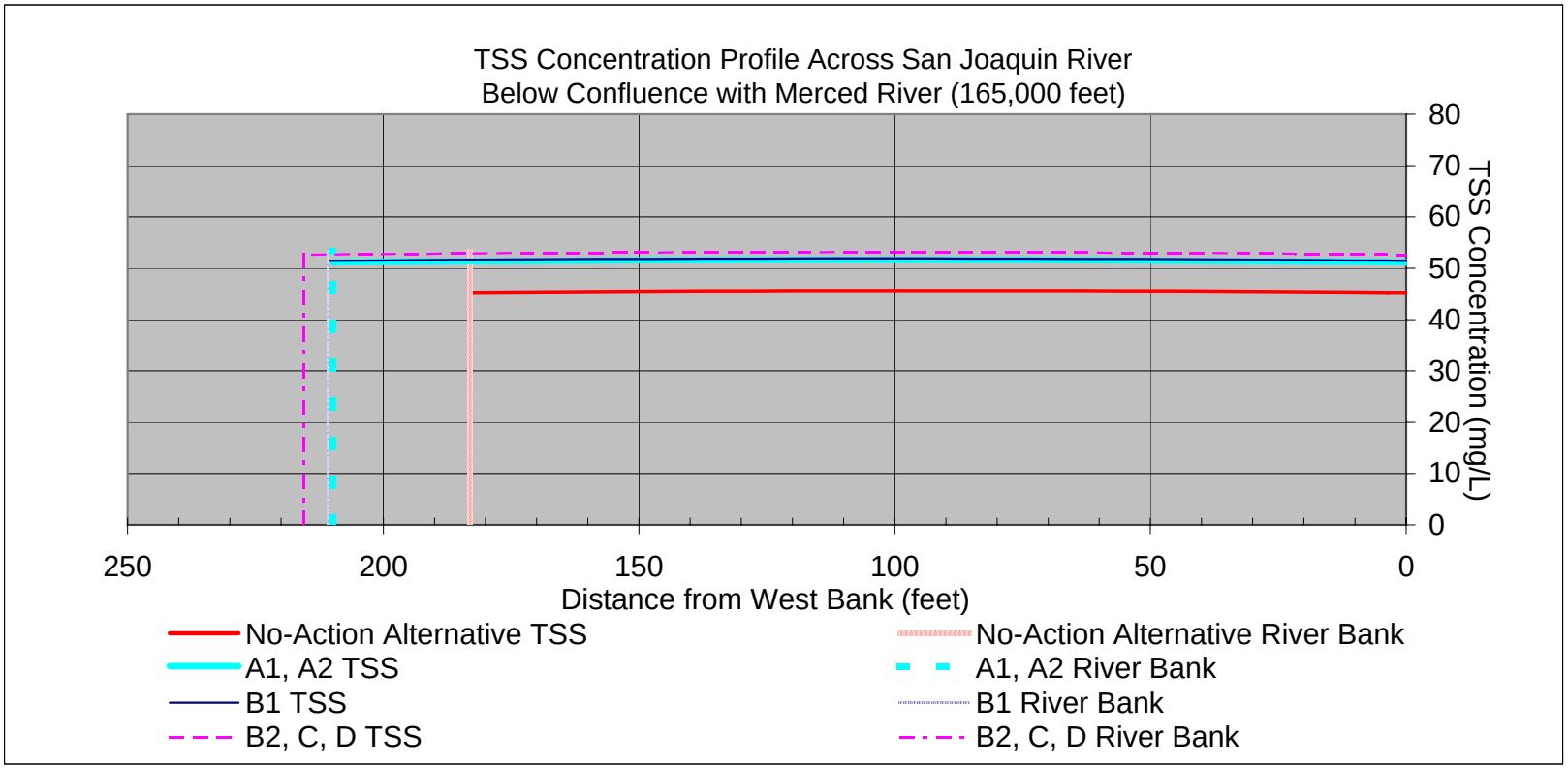
Dry May 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	49	49
Alternative A1	0	0	79	5	49	49
Alternative A2	0	0	79	5	49	49
Alternative B1	0	0	79	5	49	49
Alternative B2	0	0	79	5	49	49
Alternative C	497	132	79	5	57	57
Alternative D	525	132	79	5	57	57



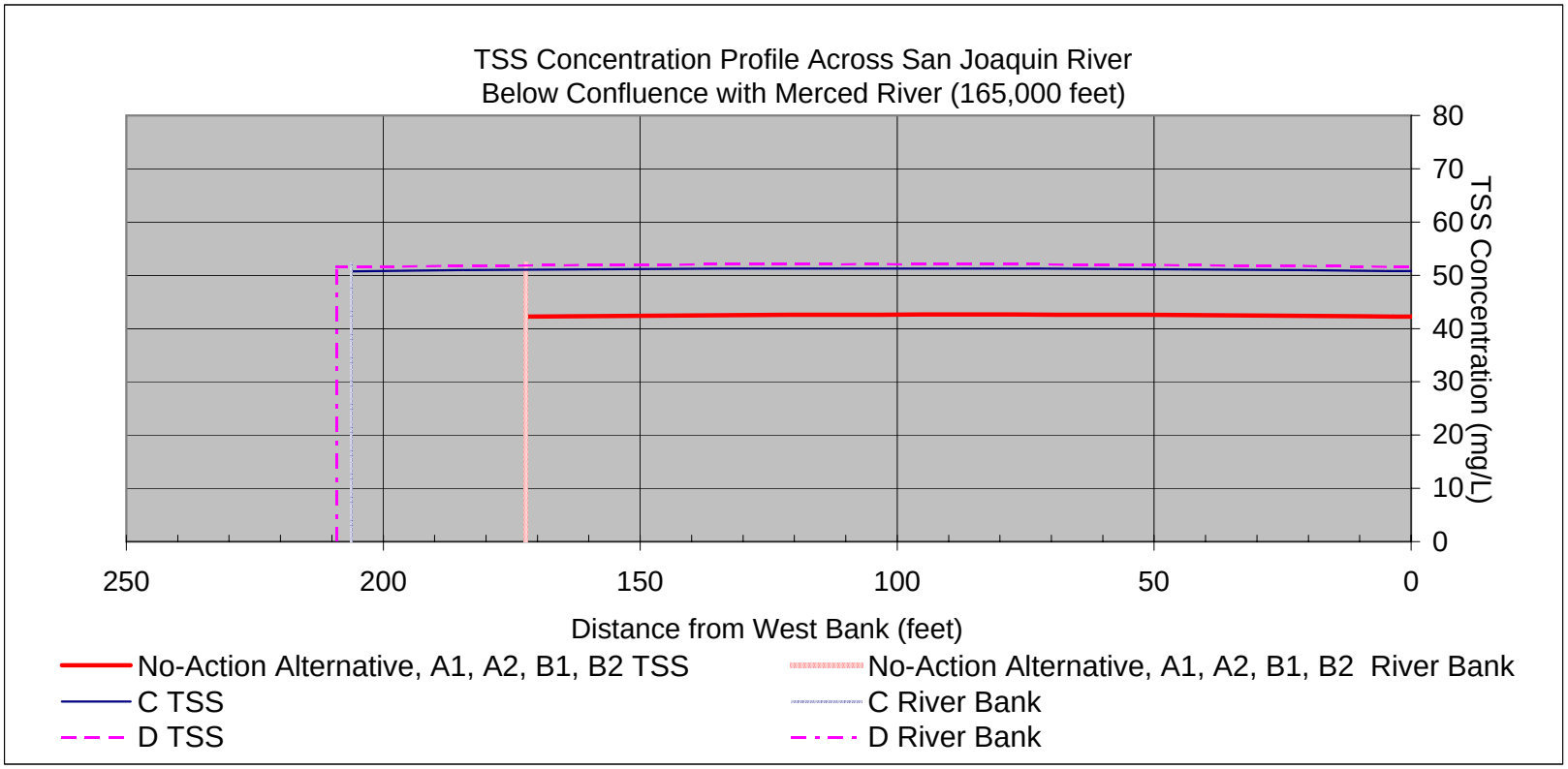
Dry June 2002

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	65	65
Alternative A1	0	0	100	8	65	65
Alternative A2	0	0	100	8	65	65
Alternative B1	313	132	100	8	70	70
Alternative B2	313	132	100	8	70	70
Alternative C	313	132	100	8	70	70
Alternative D	313	132	100	8	70	70



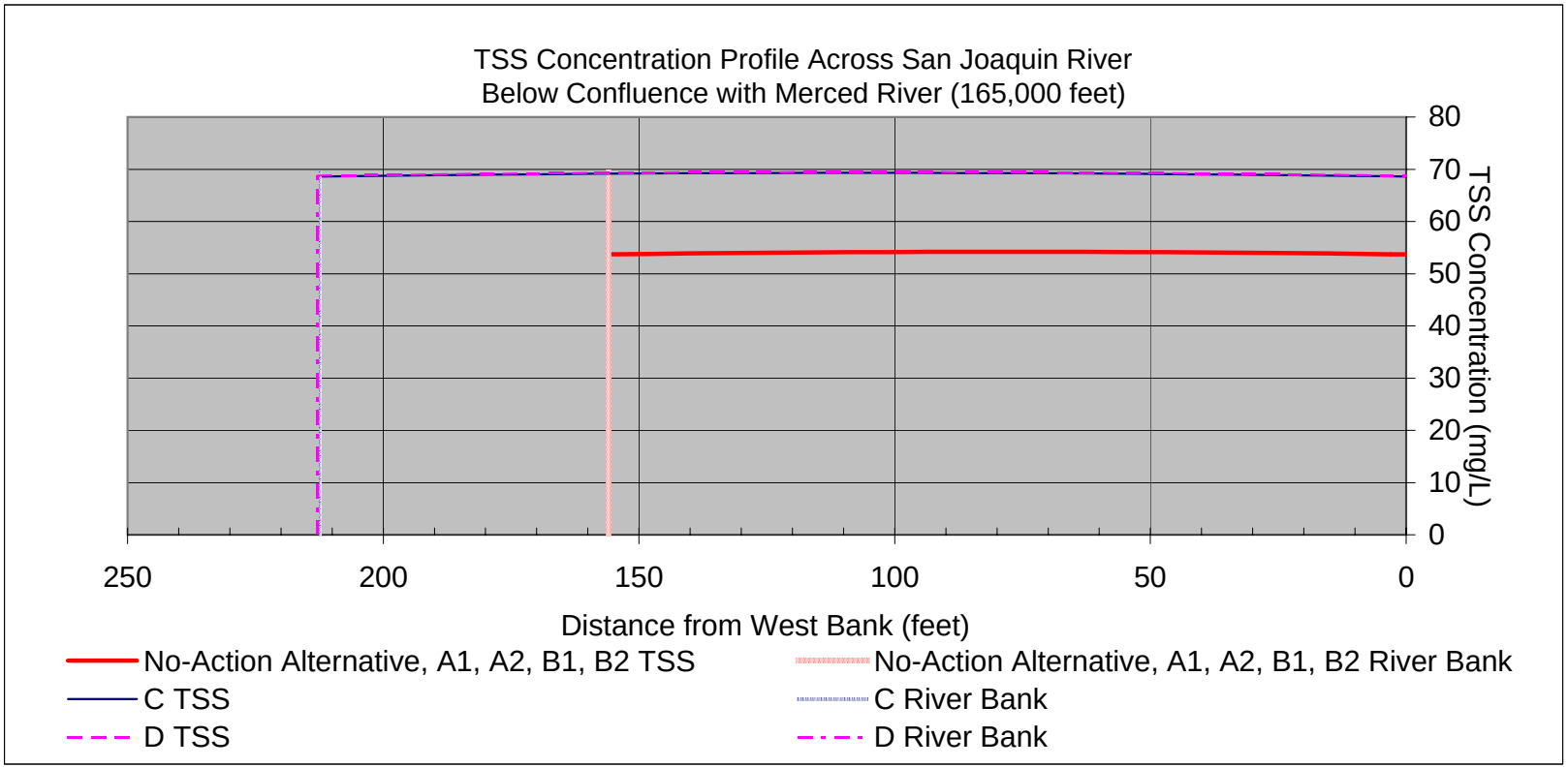
Below Normal Feb 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	60	15	45	45
Alternative A1	526	132	60	15	51	51
Alternative A2	526	132	60	15	51	51
Alternative B1	550	132	60	15	51	51
Alternative B2	663	132	60	15	53	53
Alternative C	663	132	60	15	53	53
Alternative D	663	132	60	15	53	53



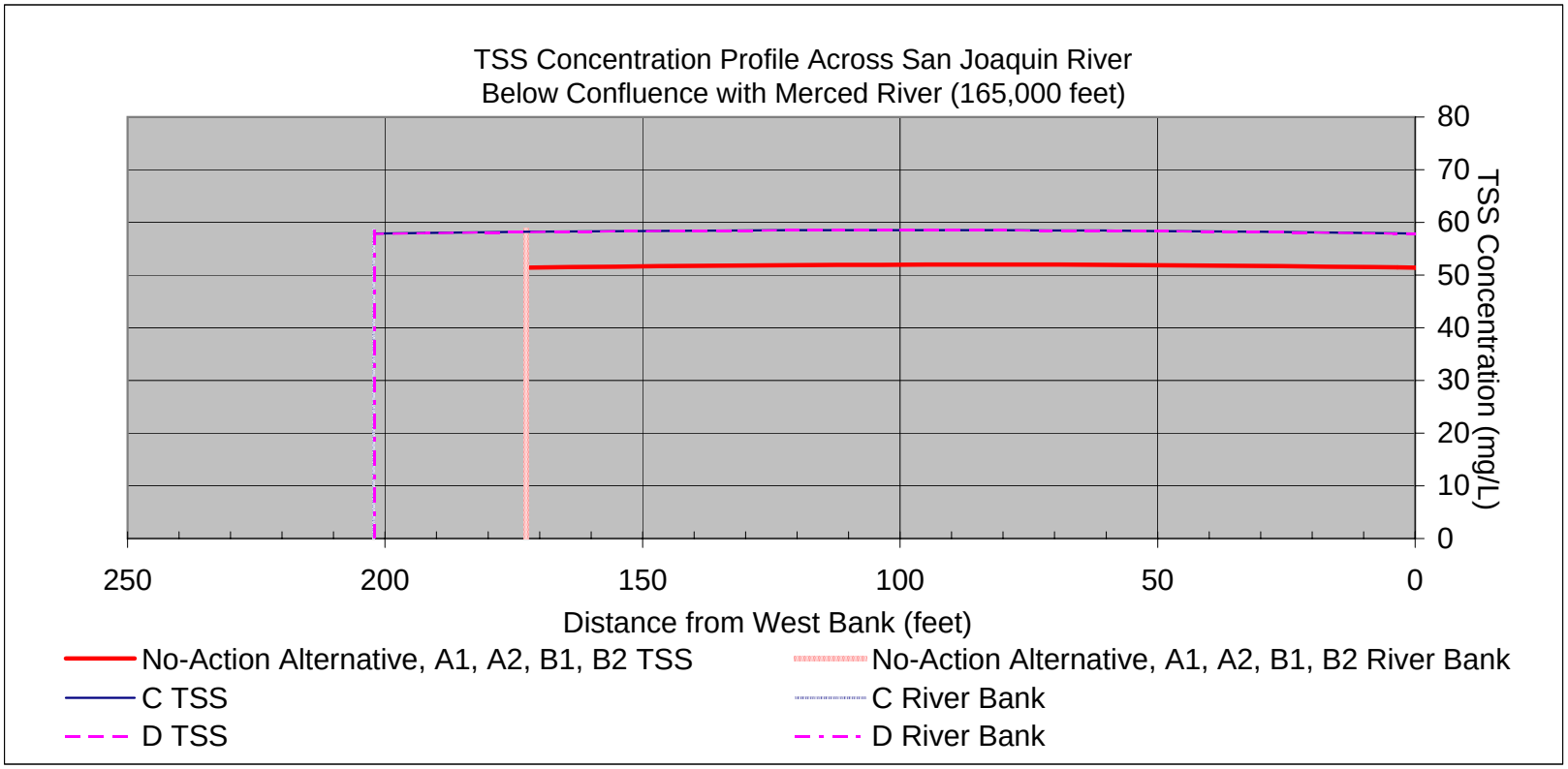
Below Normal March 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	58	11	42	42
Alternative A1	0	0	58	11	42	42
Alternative A2	0	0	58	11	42	42
Alternative B1	0	0	58	11	42	42
Alternative B2	0	0	58	11	42	42
Alternative C	613	132	58	11	51	51
Alternative D	674	132	58	11	52	52



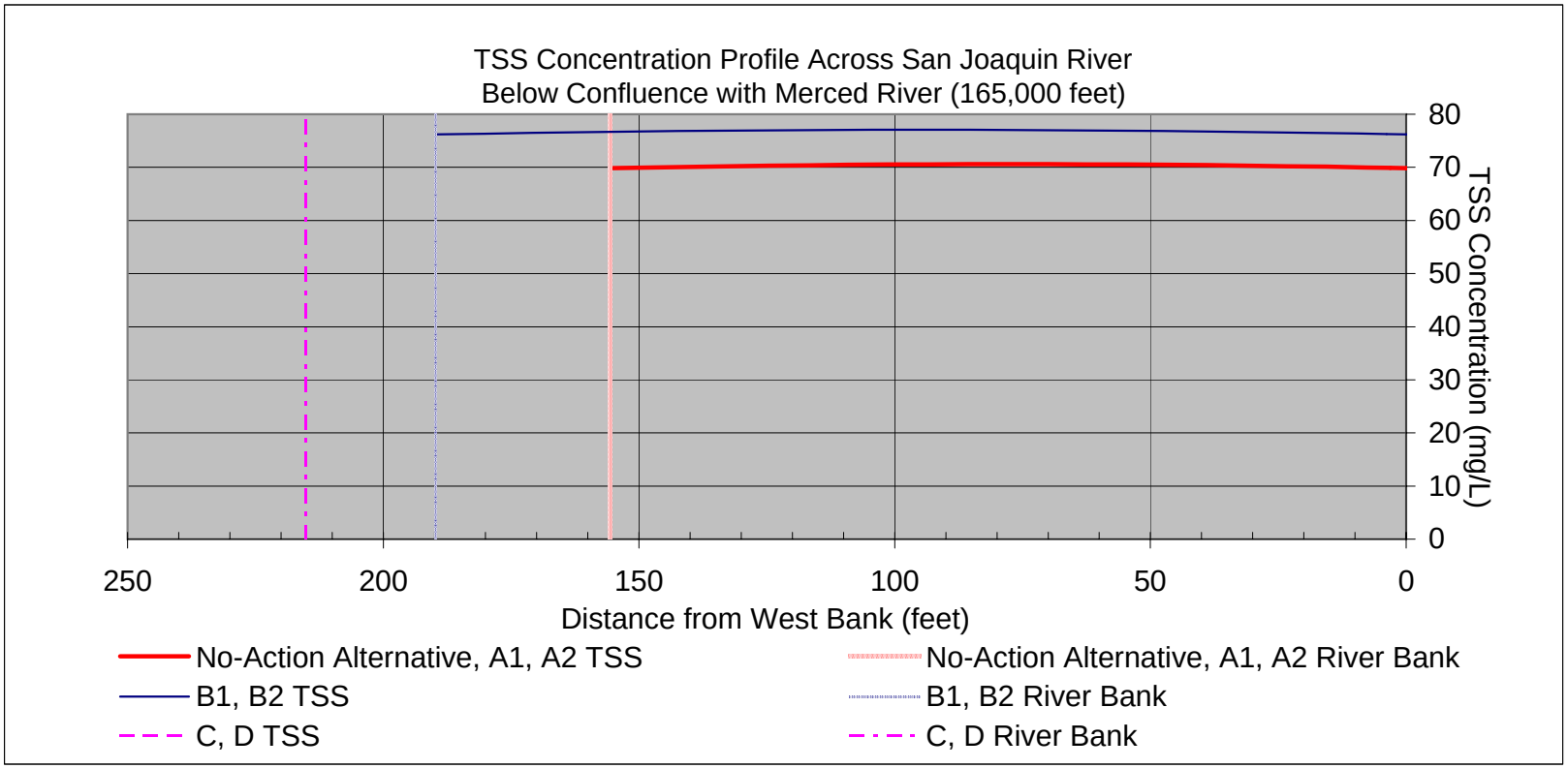
Below Normal April 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	71	14	54	54
Alternative A1	0	0	71	14	54	54
Alternative A2	0	0	71	14	54	54
Alternative B1	0	0	71	14	54	54
Alternative B2	0	0	71	14	54	54
Alternative C	960	132	71	14	69	69
Alternative D	973	132	71	14	69	69



Below Normal May 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	79	5	51	51
Alternative A1	0	0	79	5	51	51
Alternative A2	0	0	79	5	51	51
Alternative B1	0	0	79	5	51	51
Alternative B2	0	0	79	5	51	51
Alternative C	520	132	79	5	58	58
Alternative D	519	132	79	5	58	58



Below Normal June 2003

Scenario	Recirc. Flow (cfs)	Initial Source Concentrations (mg/L)			Concentration in SJR at 165,000 ft (mg/L)	
		SJR at Newman	Upstream SJR	Merced River	West Bank	East Bank
No-Action Alternative	0	0	100	8	70	70
Alternative A1	0	0	100	8	70	70
Alternative A2	0	0	100	8	70	70
Alternative B1	493	132	100	8	76	76
Alternative B2	493	132	100	8	76	76
Alternative C	1032	132	100	8	82	82
Alternative D	1032	132	100	8	82	82