

SWRCB Workshop Southern Delta Salinity Objectives

January 16 and 19, 2007

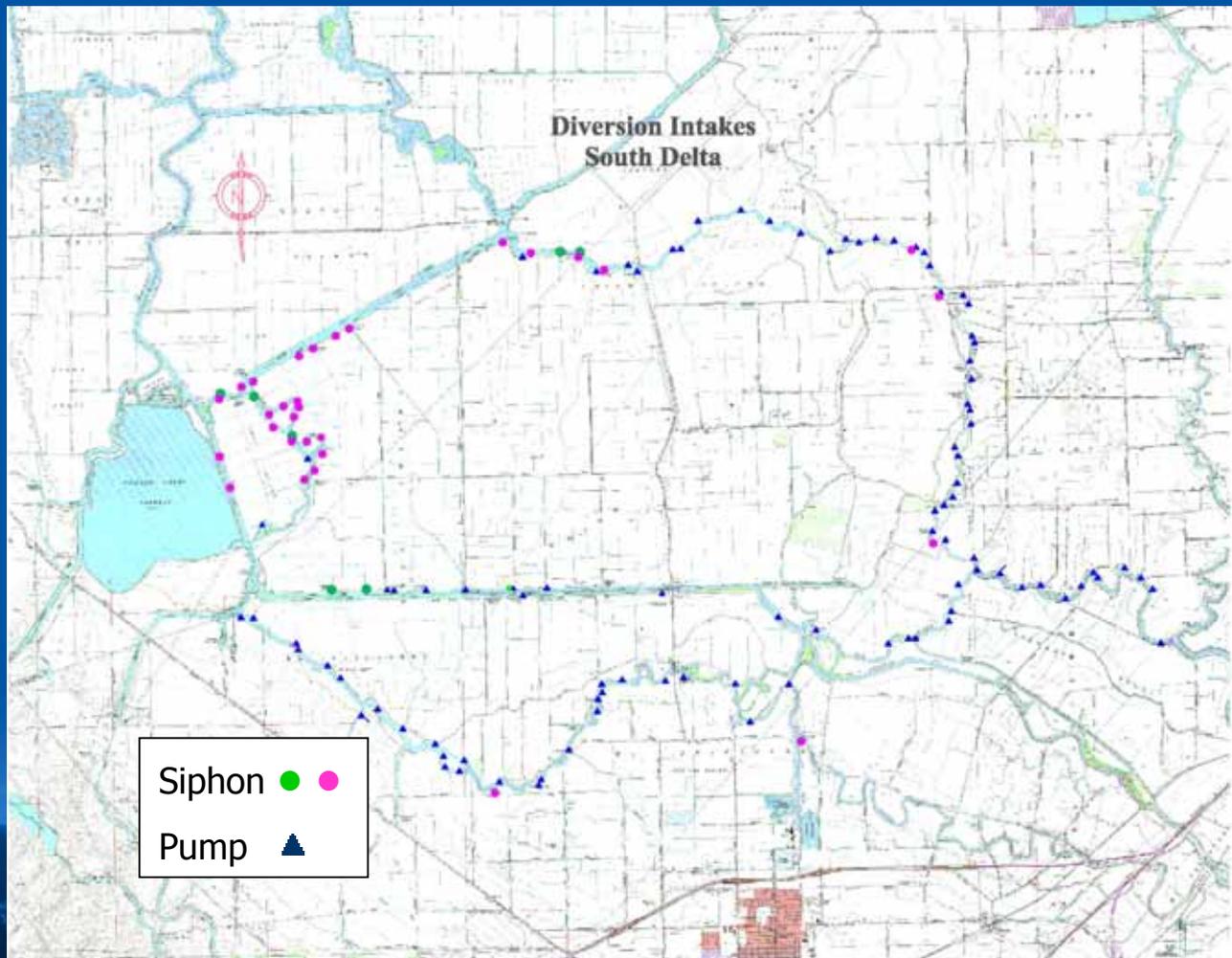


Department of Water Resources

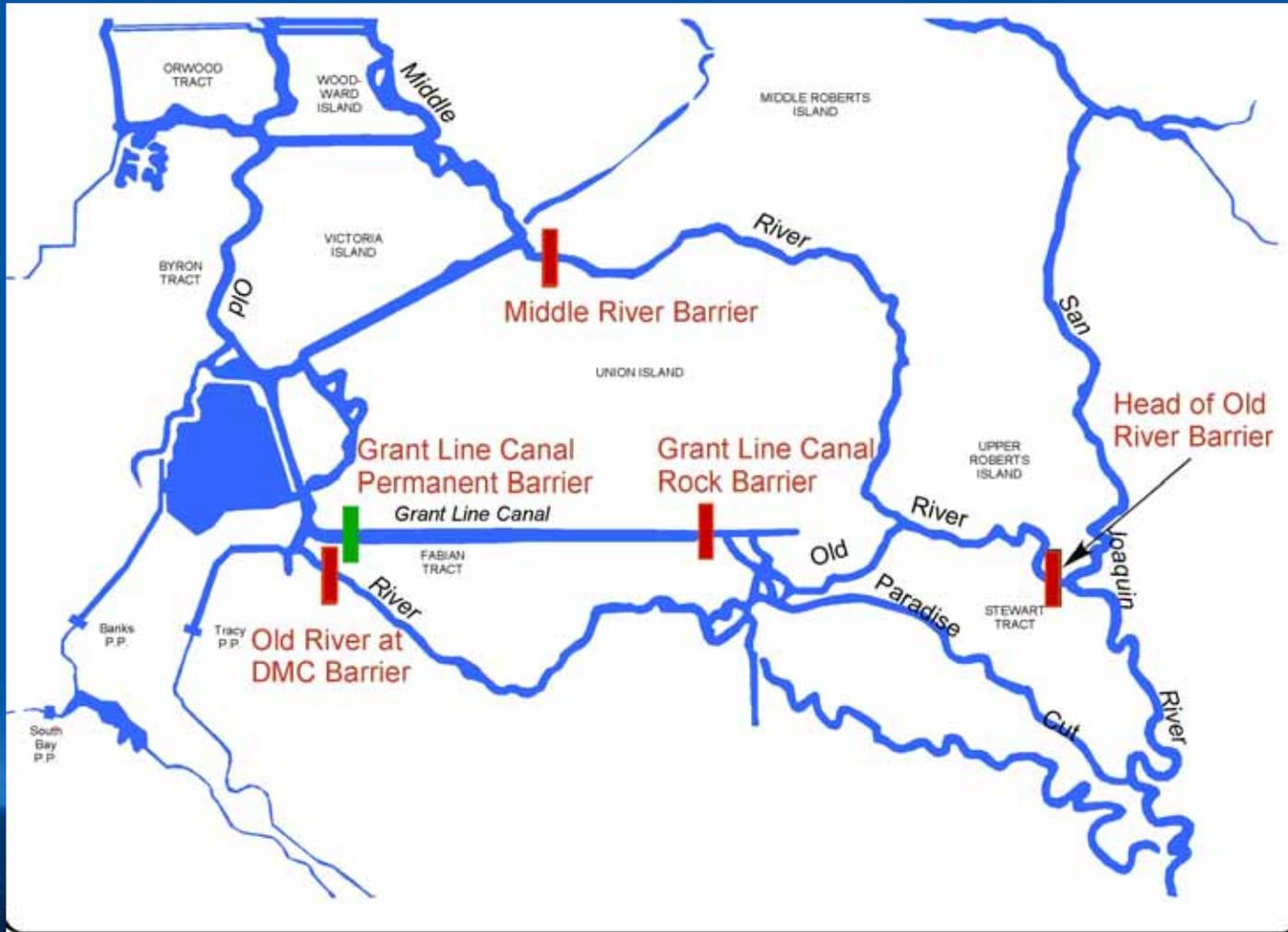
Temporary Barriers



Agricultural Diversions



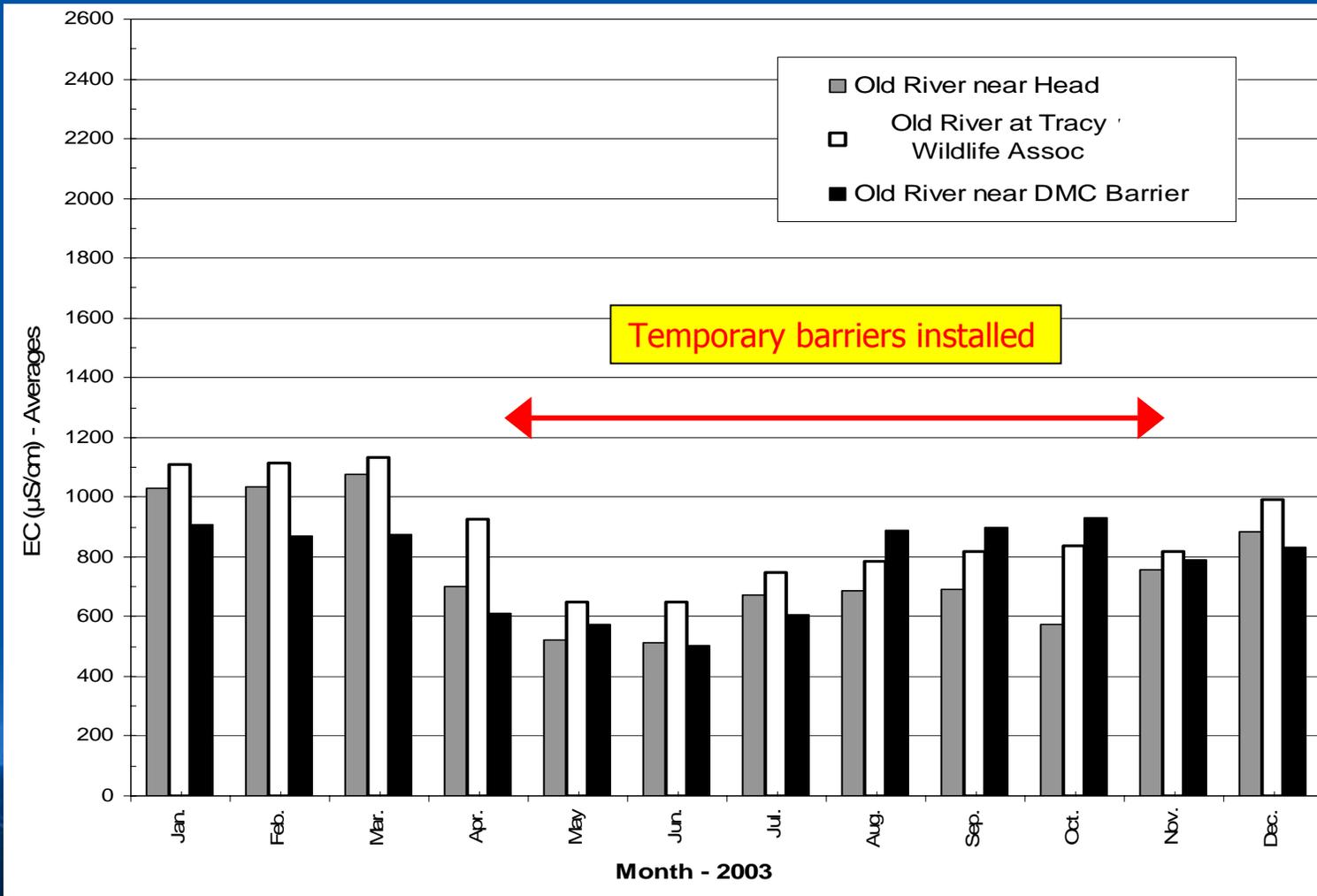
Barrier Locations



Schedule

ID	Task Name	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04	'05	'06	'07
1	Middle River Barrier	[Bar chart bar]										[Bar chart bar]								
2																				
3	DMC Barrier			[Bar chart bar]							[Bar chart bar]									
4																				
5	Grant Line Canal Barrier								[Bar chart bar]		[Bar chart bar]									
6																				
7	Spring Head of Old River Barrier			[Bar chart bar]			[Bar chart bar]					[Bar chart bar]								
8																				
9	Fall Head of Old River Barrier	[Bar chart bar]								[Bar chart bar]		[Bar chart bar]								

TBP Water Quality Improvements



Permanent Gates



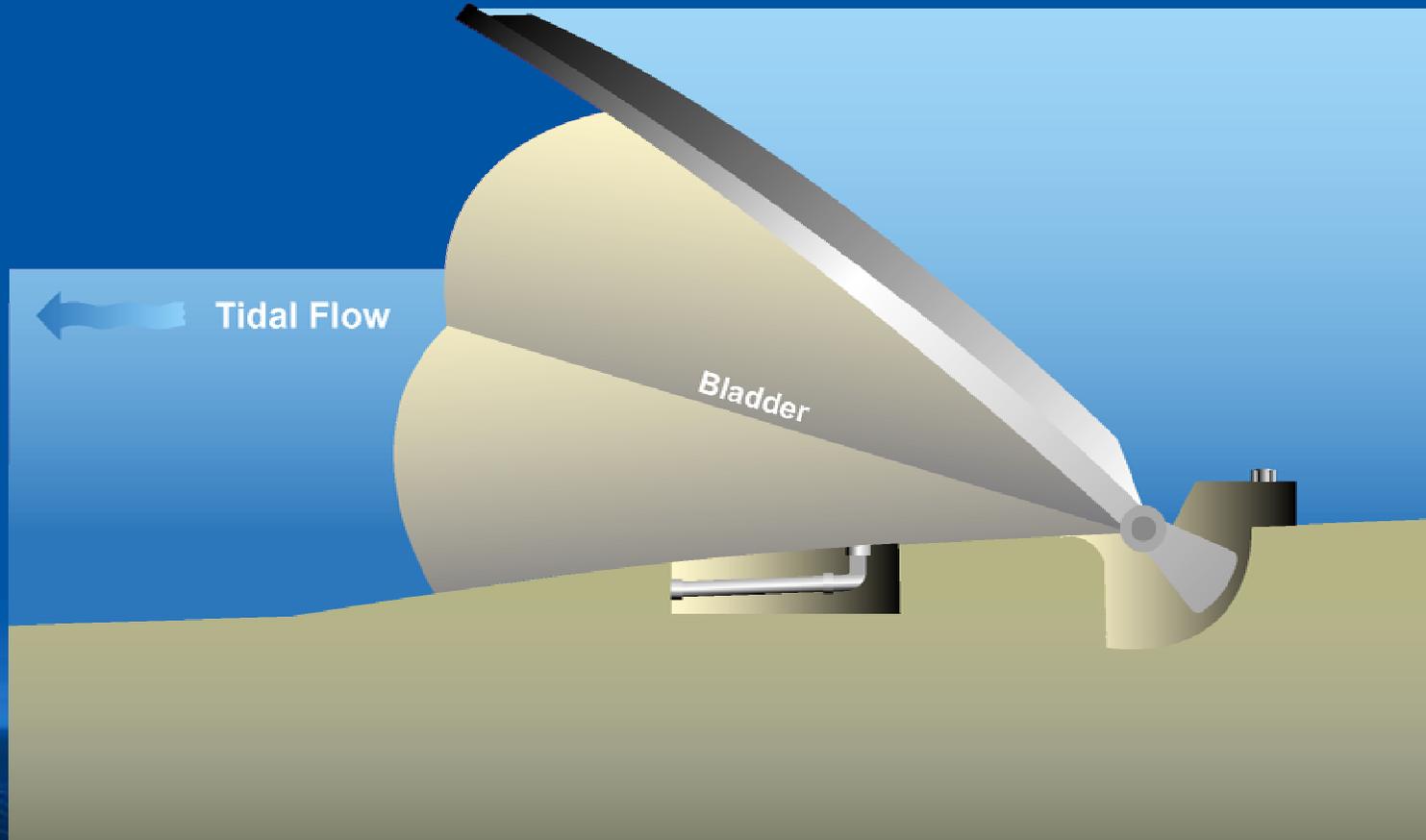
Gates Objectives / Purpose

- Protect salmon
- Maintain adequate water levels and improve circulation for water quality

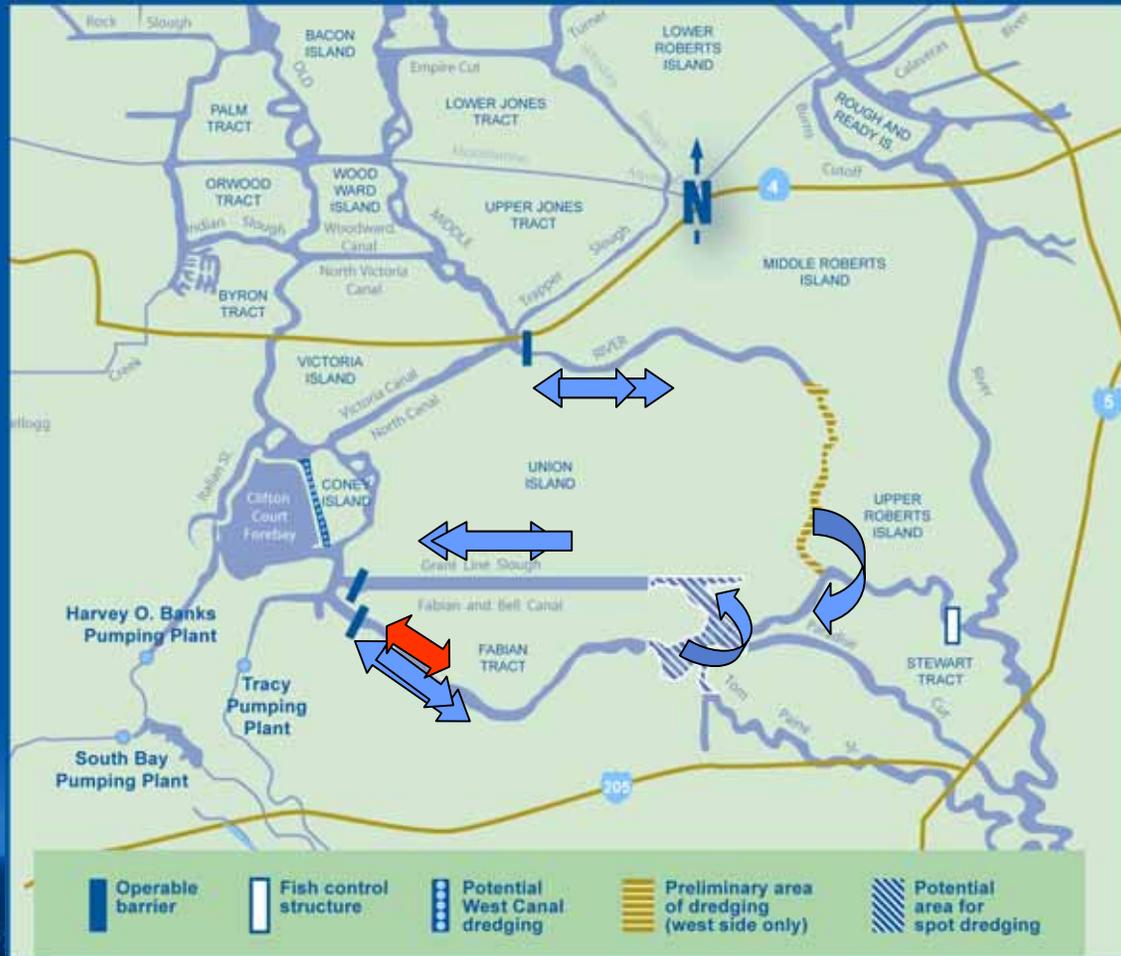
Gates Concept



Operation of Gates



South Delta Flows with Gates

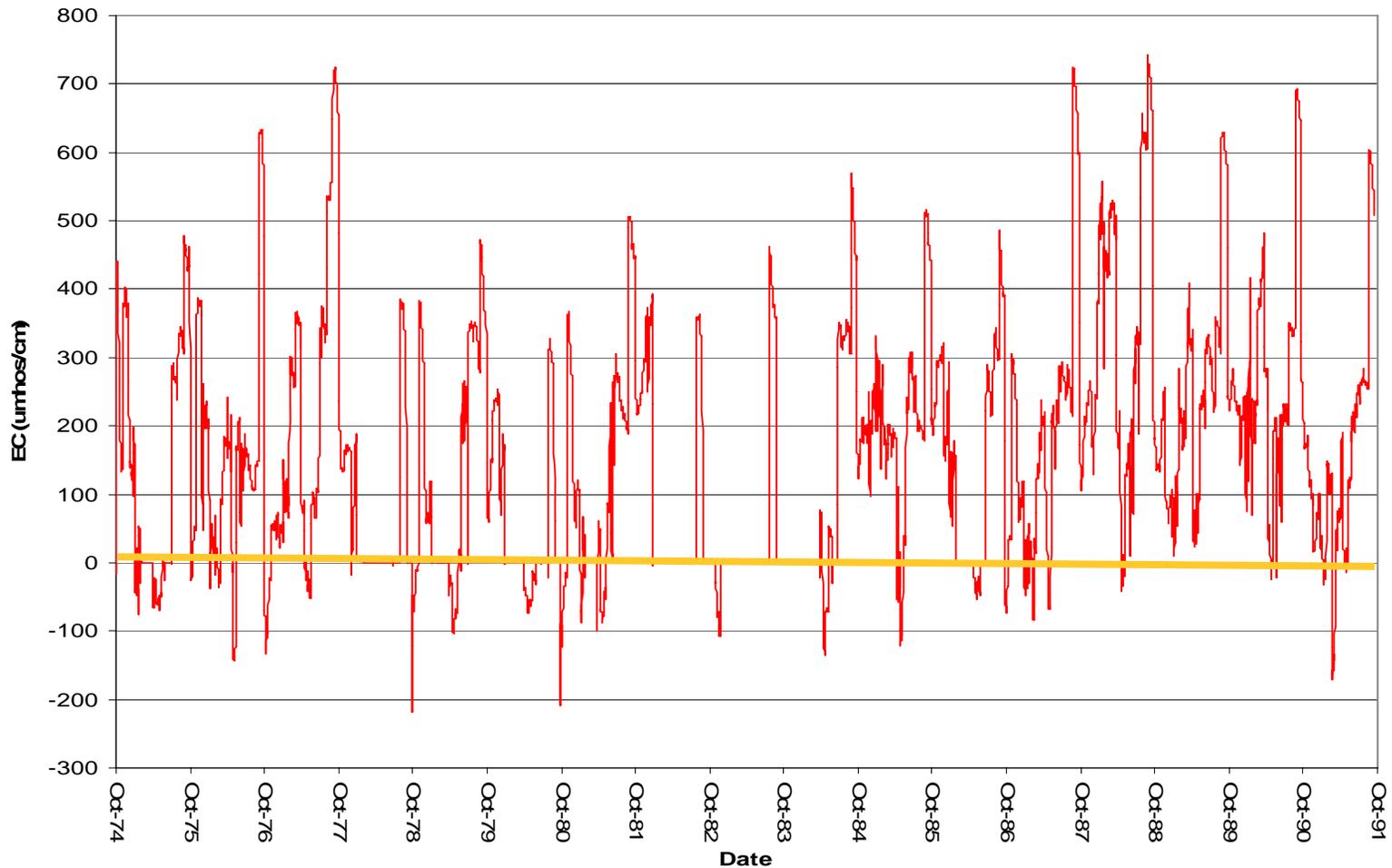


Days of Exceeding 1.0 EC (mmhos/cm)

Model Results: Days of Exceeding 1.0 EC		
Conditions	Middle River	Old River
Existing Conditions	386	181
Permanent Gates	0	0

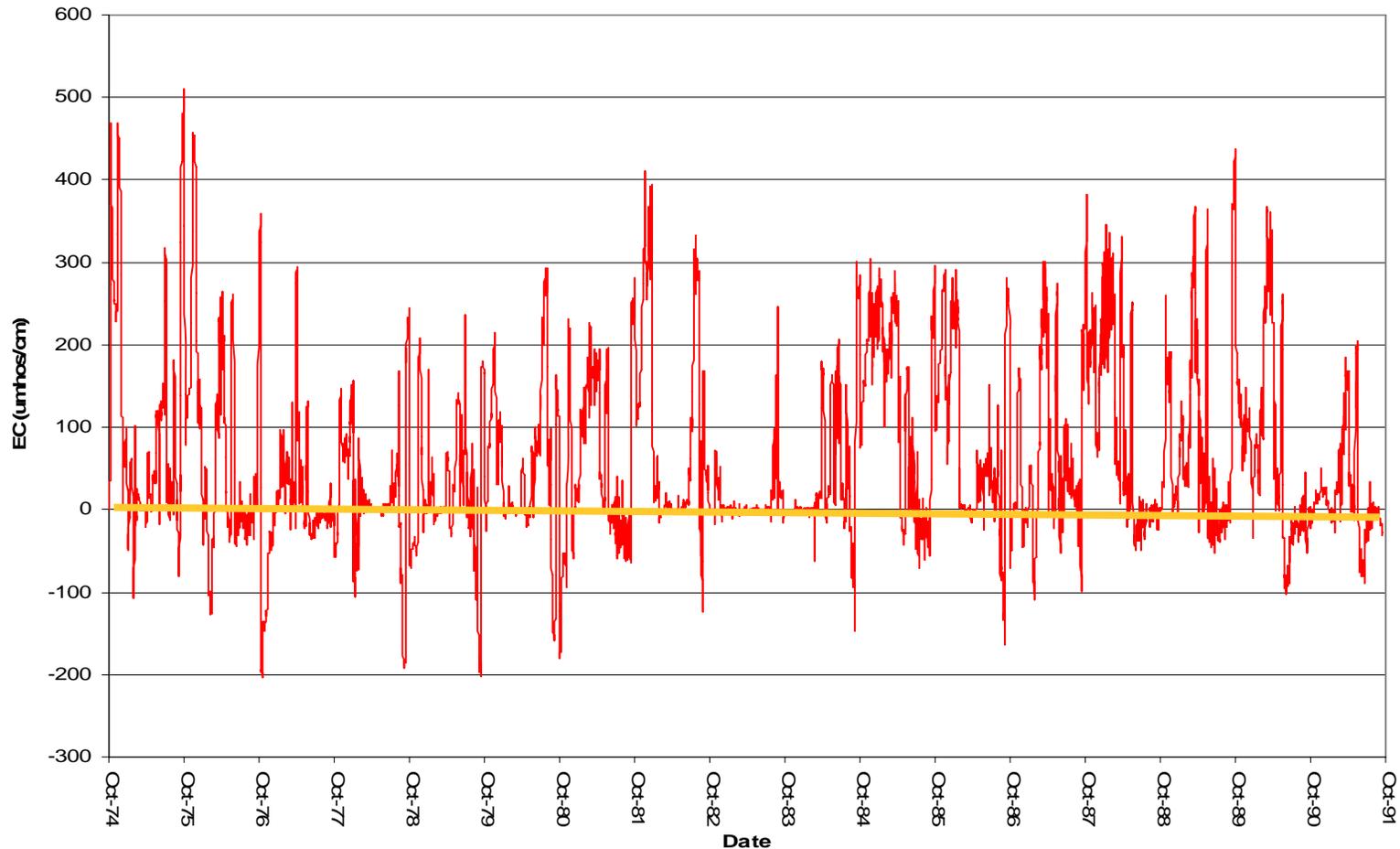
EC Improvements - Middle River at Mowry Bridge

MR @ Mowry EC Difference (2001 Base Temporary Barriers - 2001 Base Modified Plan C Gates)



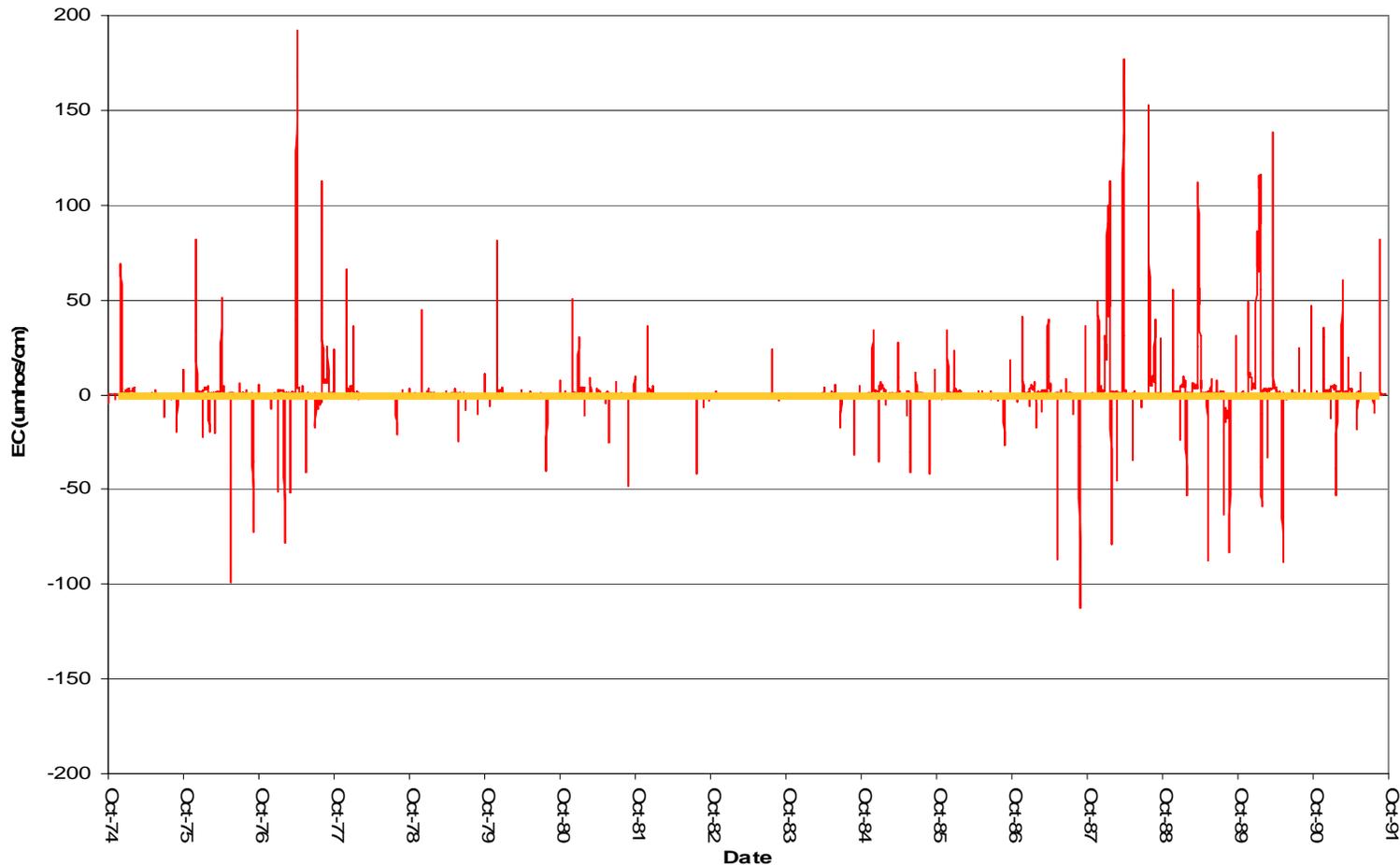
EC Improvements – Old River at Tracy Road

OR @ Tracy EC Difference (2001 Base Temporary Barriers - 2001 Base Modified Plan C Gates)



EC Improvements – Old River at Tracy Road

SJR @ Brandt EC Difference (2001 Base Temporary Barriers - 2001 Base Modified Plan C Gates)



CVP and SWP EC Changes

