

South Delta Barriers

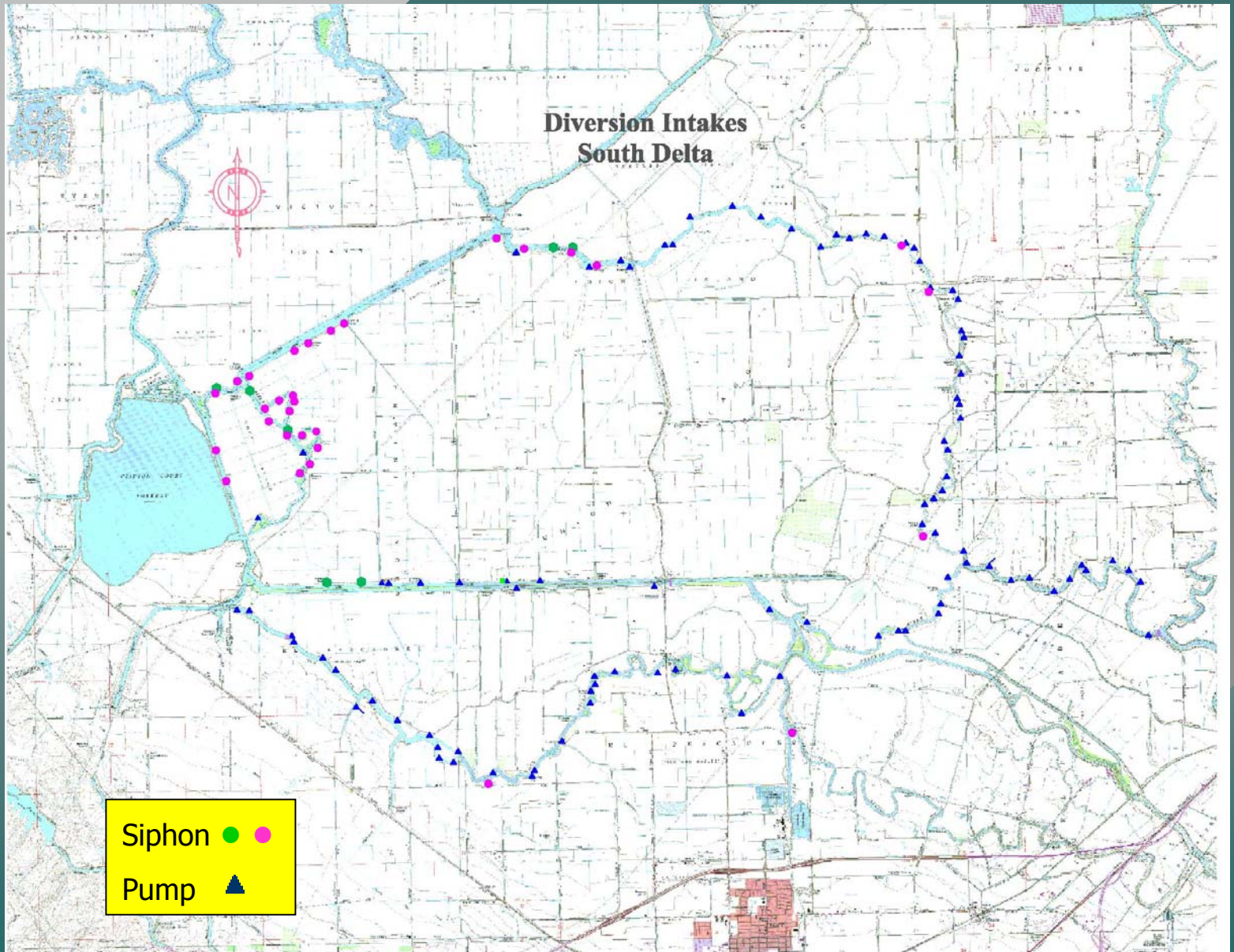
Department of Water
Resources

Outline

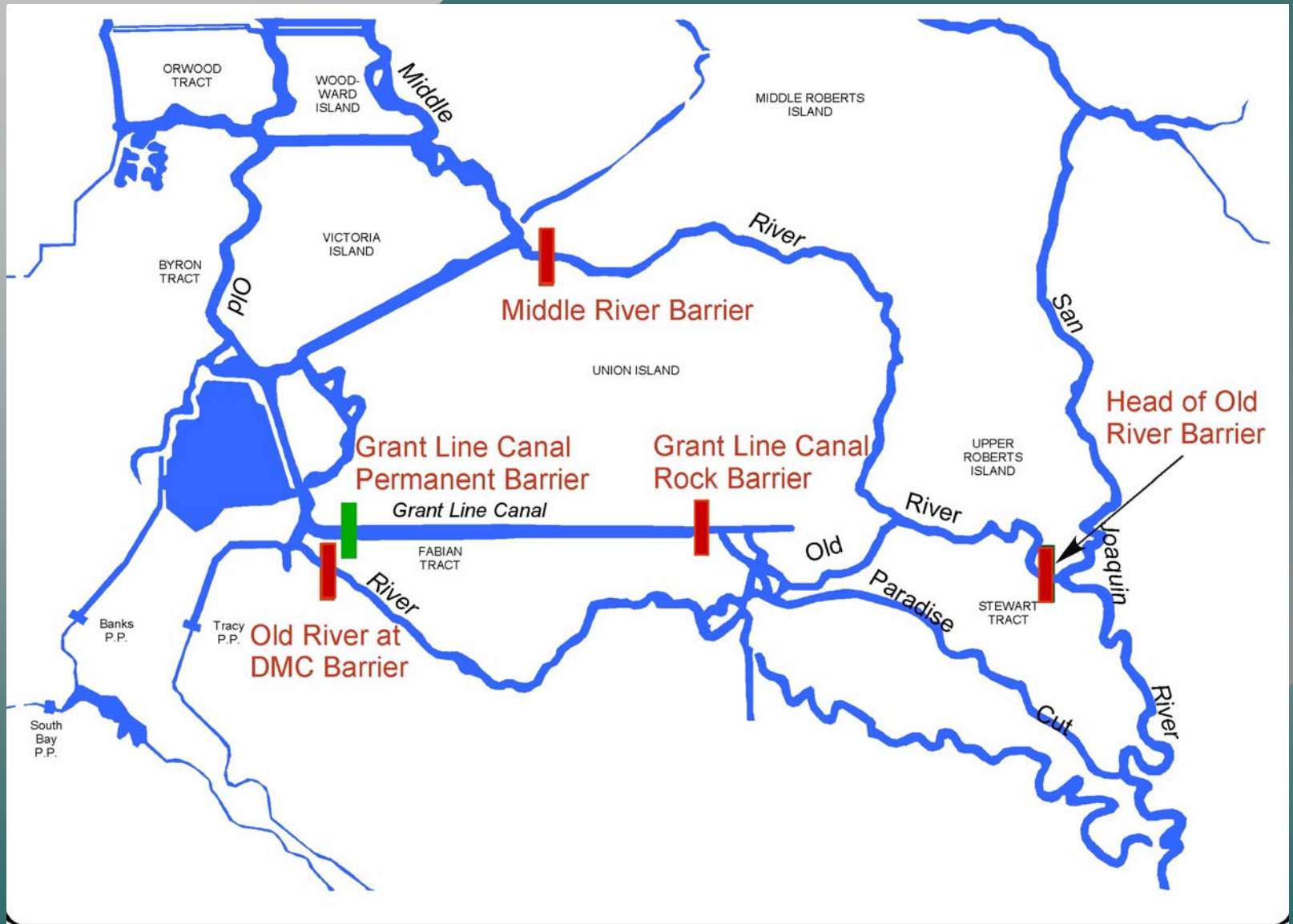
- Introduction
- Temporary Barriers Project (TBP)
- Historical Water Quality Measurement
- Permanent Barriers (SDIP)

Introduction

Temporary Barriers Project (TBP)



Diversion Locations

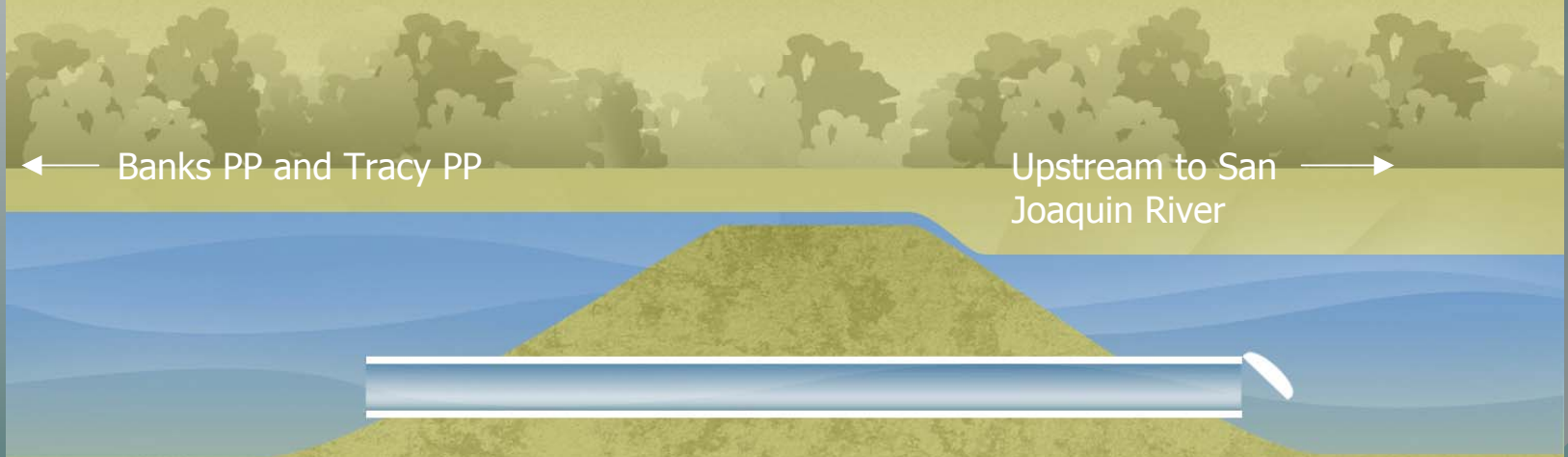


South Delta Barriers Locations

ID	Task Name	'89	'90	'91	'92	'93	'94	'95	'96	'97	'98	'99	'00	'01	'02	'03	'04
1	Middle River Barrier	[Active]											[Active]				
2																	
3	DMC Barrier			[Active]								[Active]					
4																	
5	Grant Line Canal Barrier								[Active]			[Active]					
6																	
7	Spring Head of Old River Barrier			[Active]			[Active]					[Active]					
8																	
9	Fall Head of Old River Barrier	← Since 1963								[Active]			[Active]				

TBP Installation History

AGRICULTURAL BARRIER

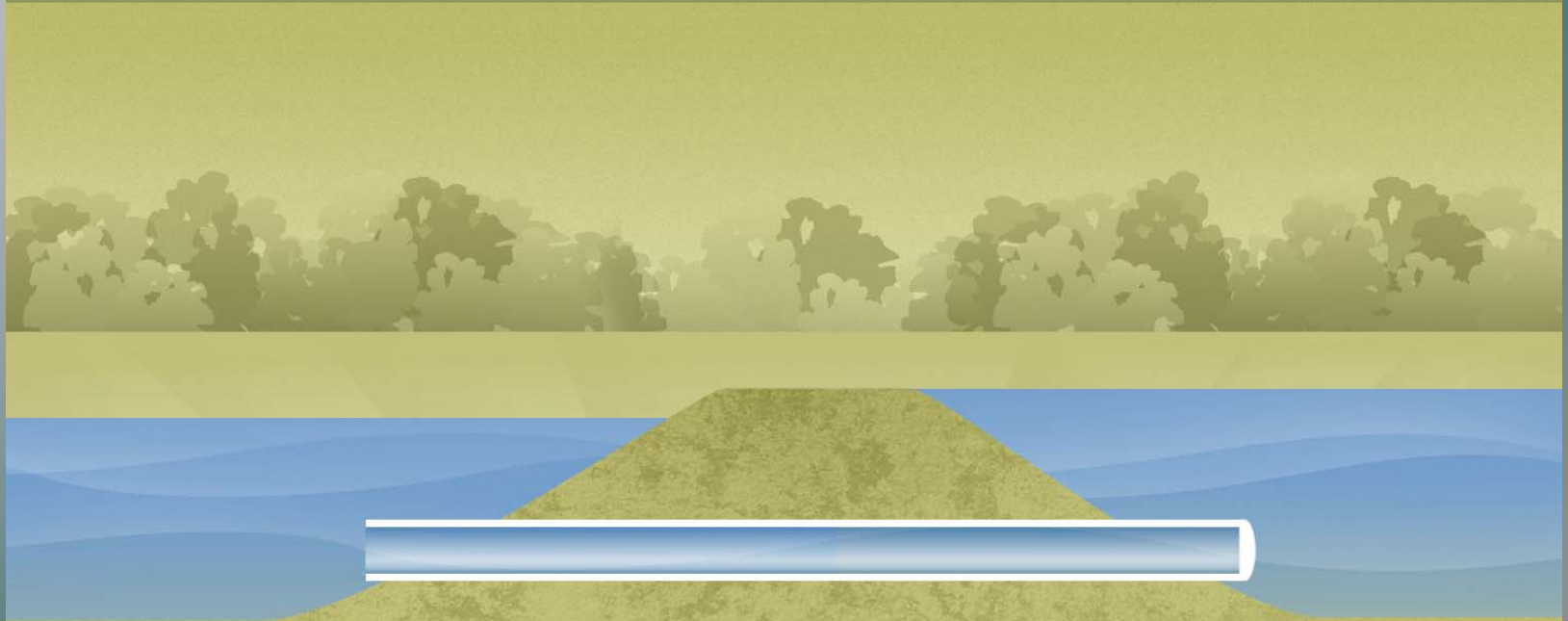


← Banks PP and Tracy PP

Upstream to San Joaquin River →

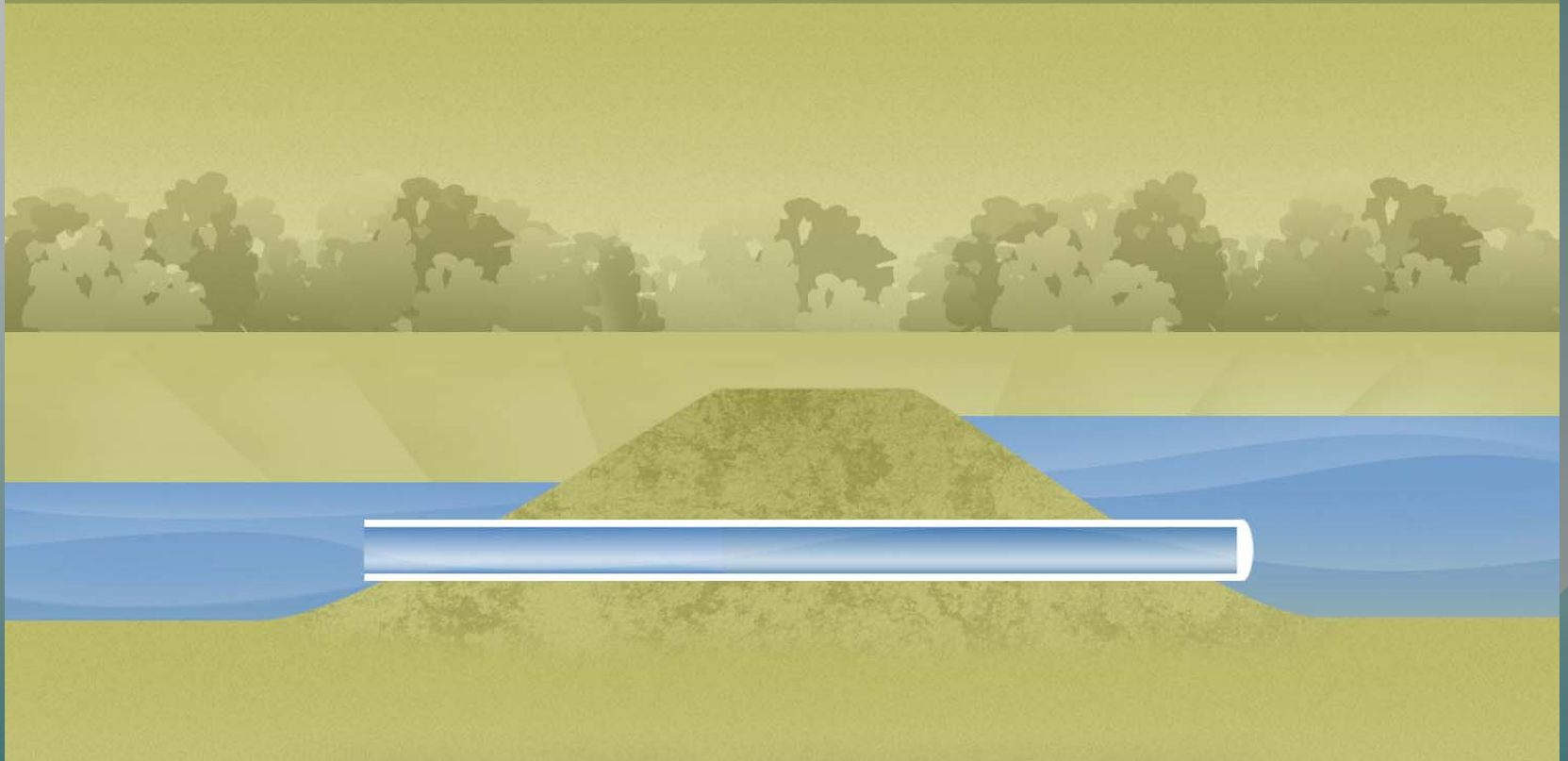
HIGH TIDE CONDITIONS

AGRICULTURAL BARRIER



SLACK TIDE CONDITIONS

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LOW TIDE CONDITIONS



Old River at Tracy Barrier



Grant Line Canal Barrier



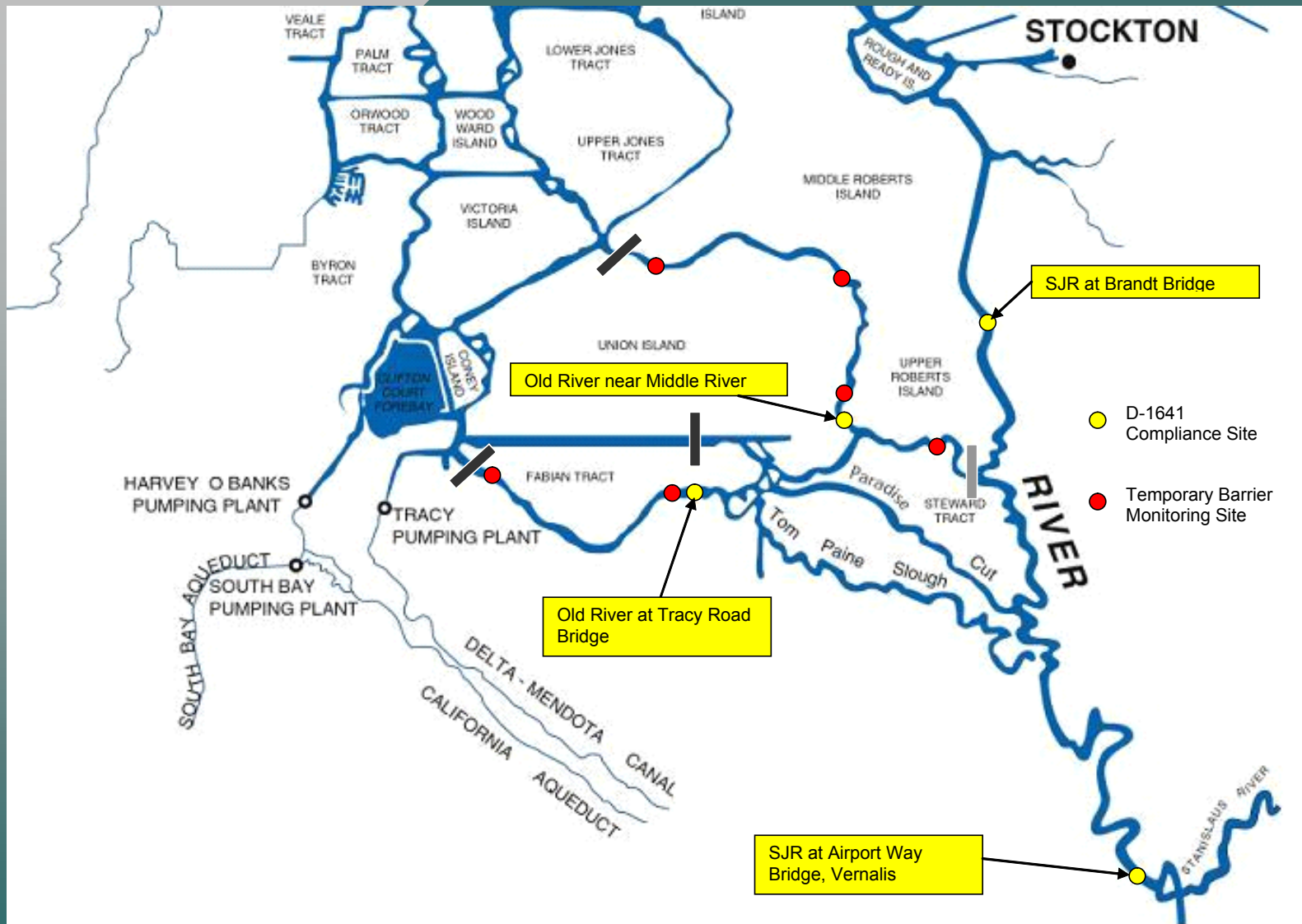
Middle River Barrier



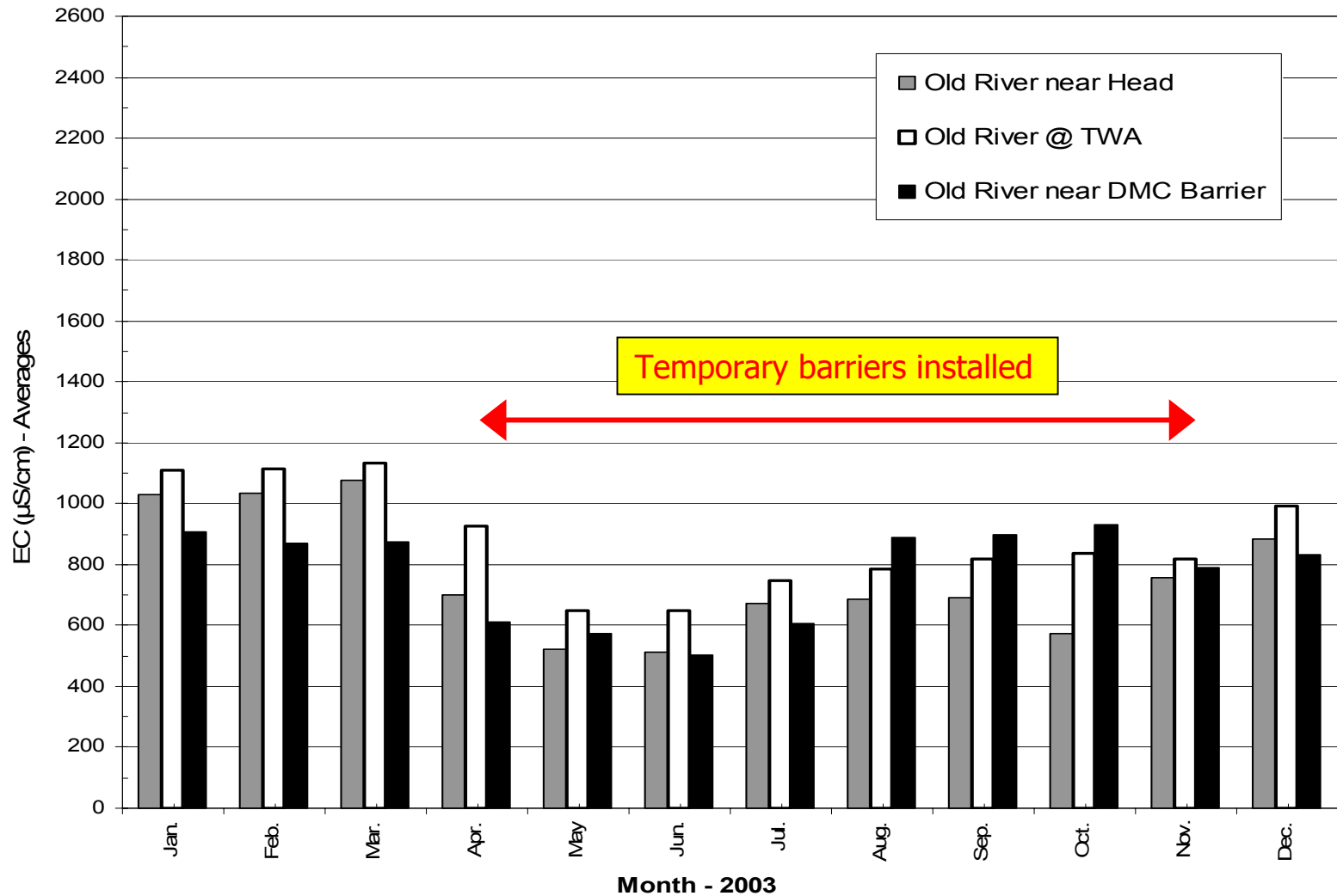
Head of Old River Barrier



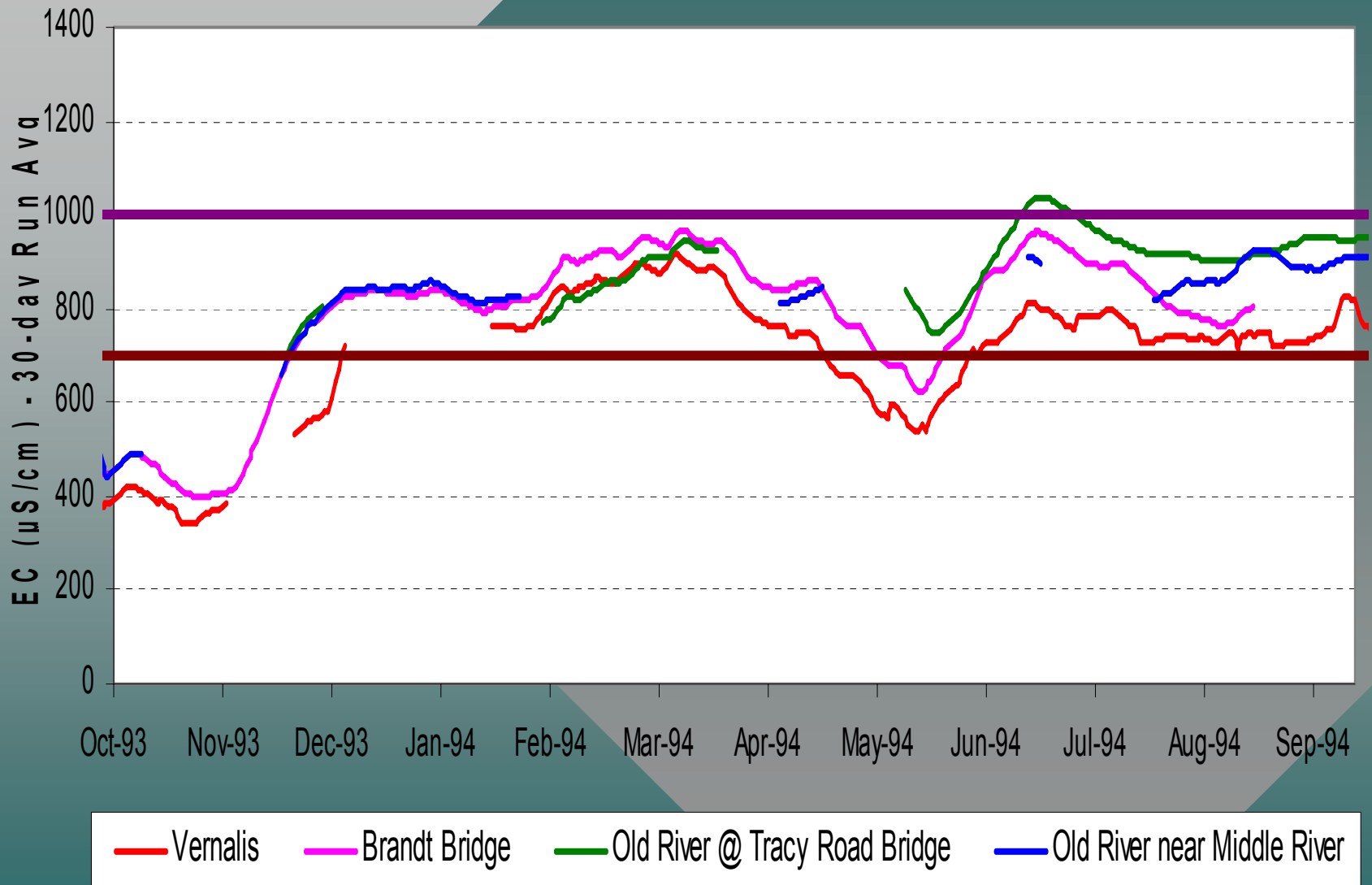
Historical Water Quality Measurements



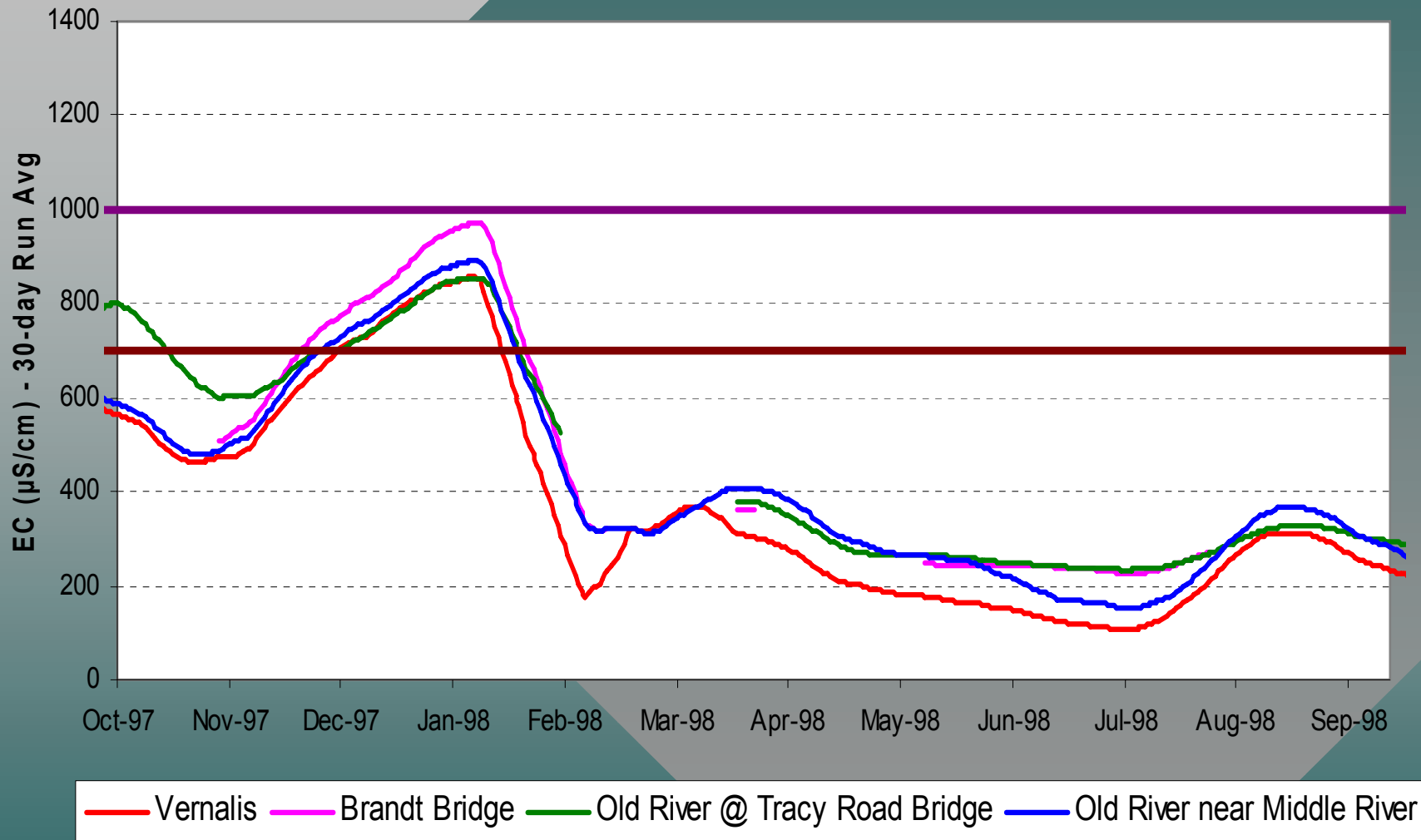
Water Quality Compliance/Monitoring Sites



Typical TBP Water Quality Improvements

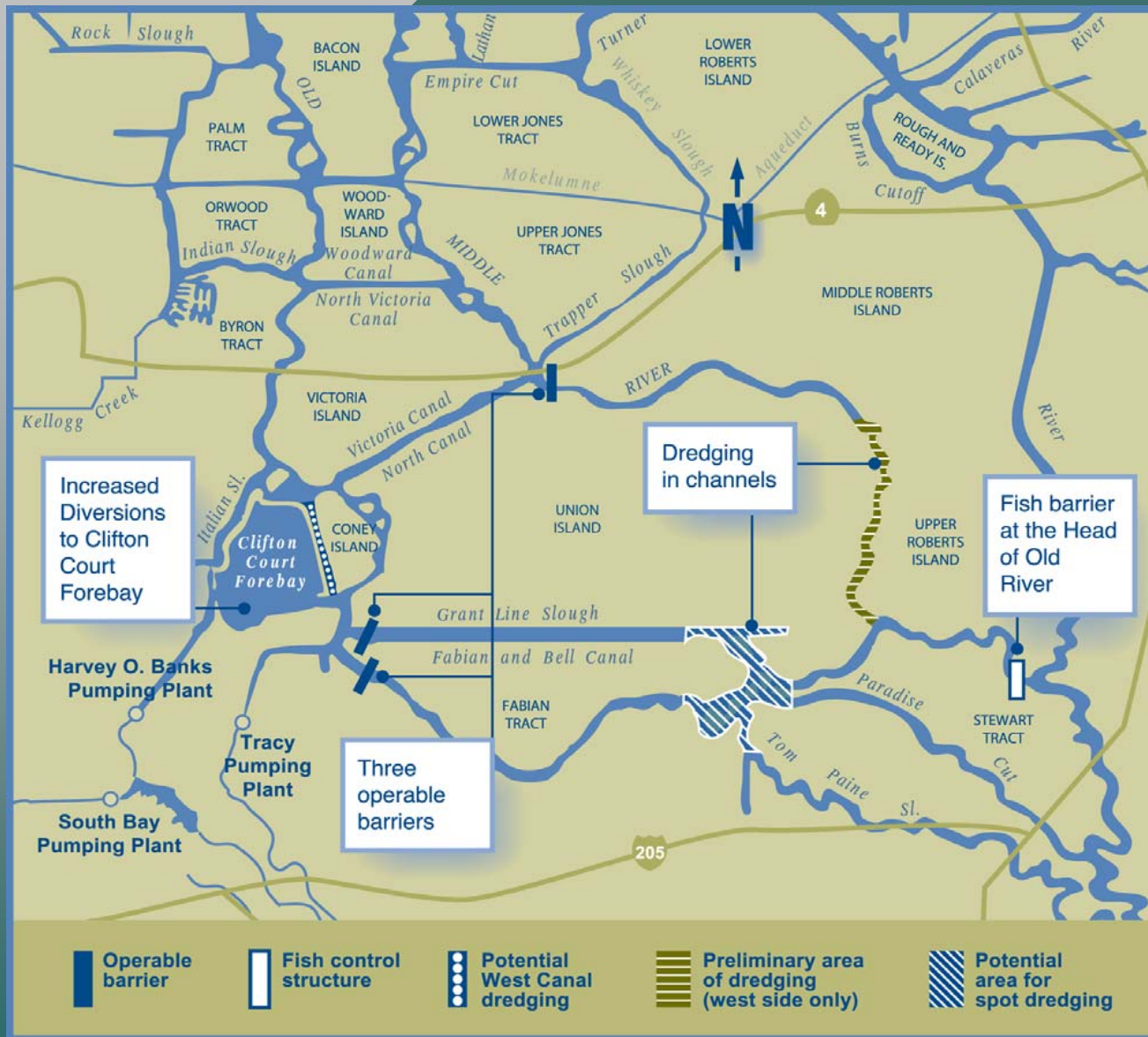


D-1641 Compliance Sites Historical Data (Critical Dry Year)



D-1641 Compliance Sites Historical Data (Wet Year)

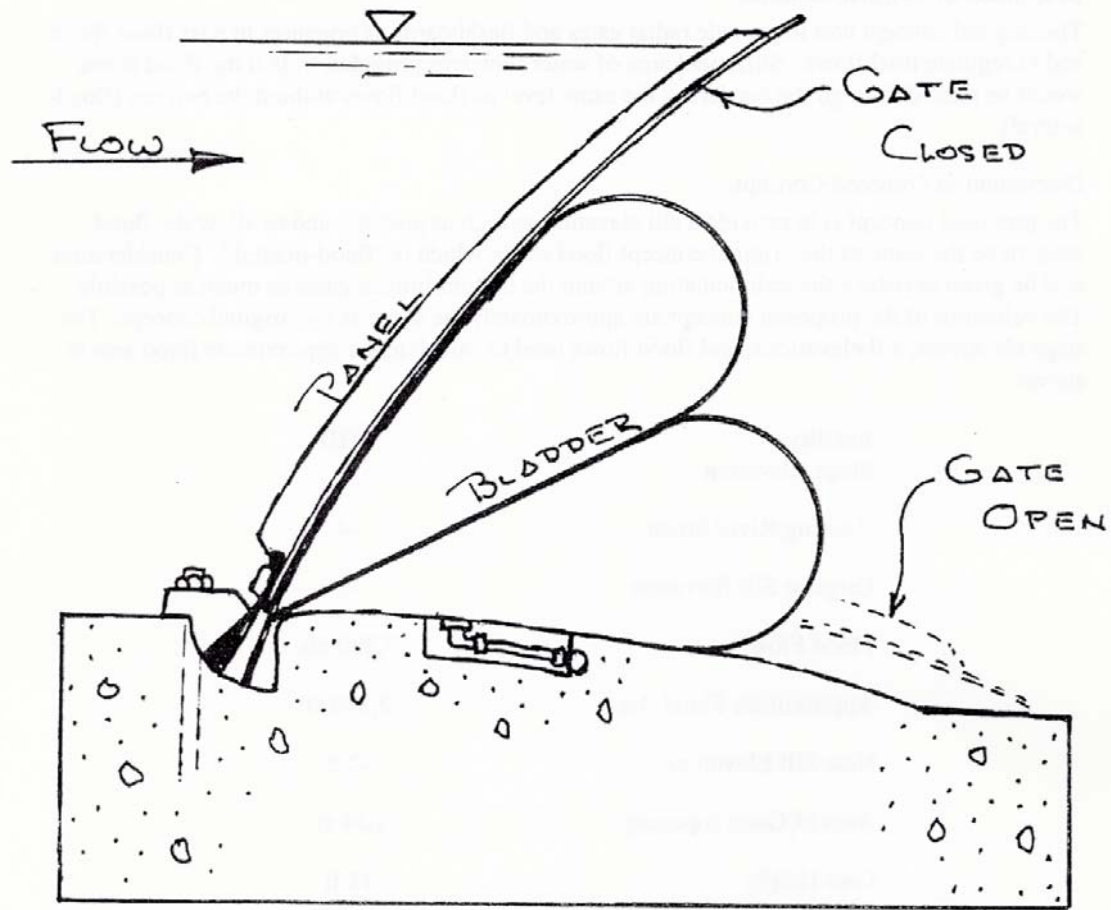
Permanent Barriers (SDIP)



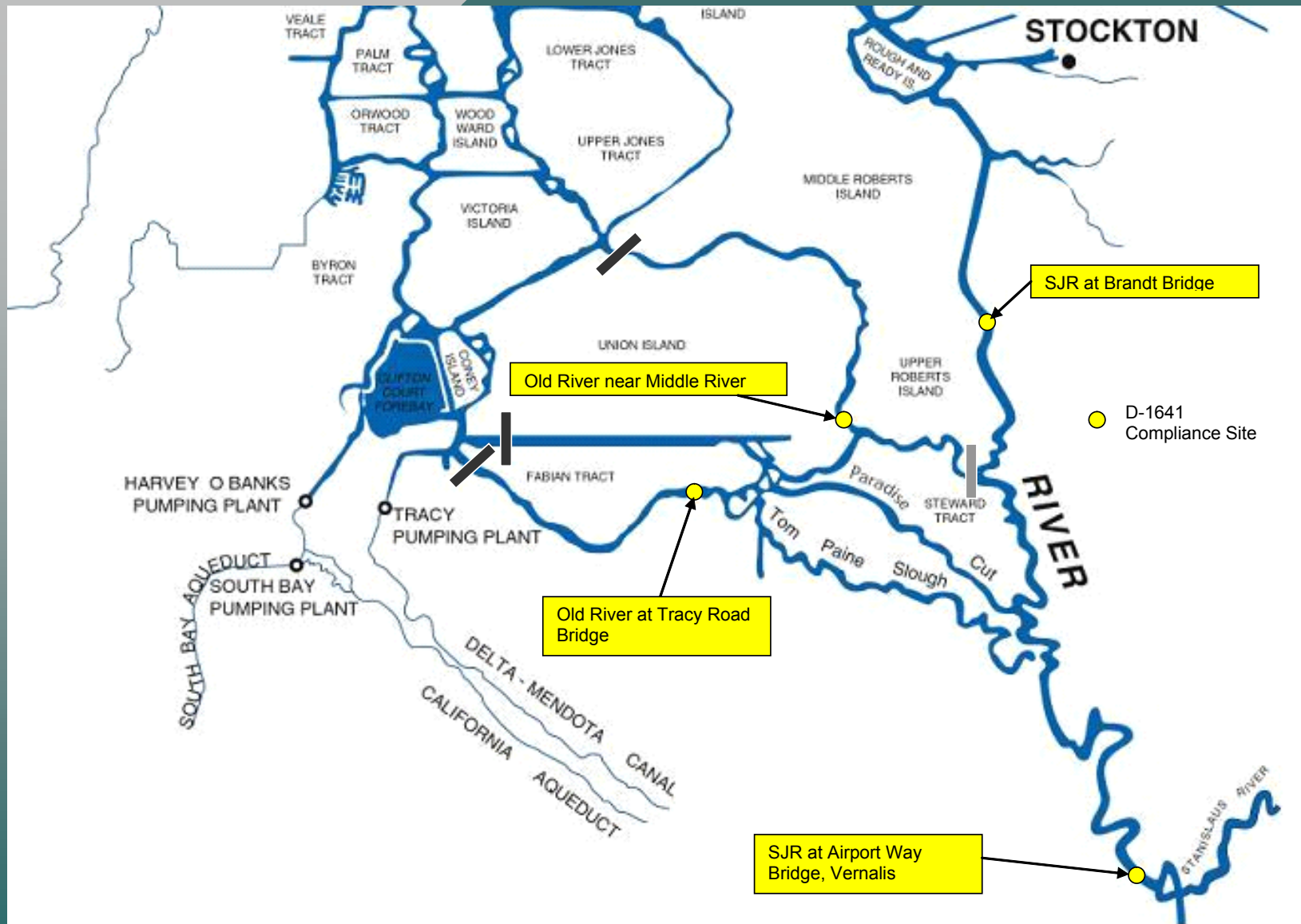
South Delta Improvements Program (SDIP)



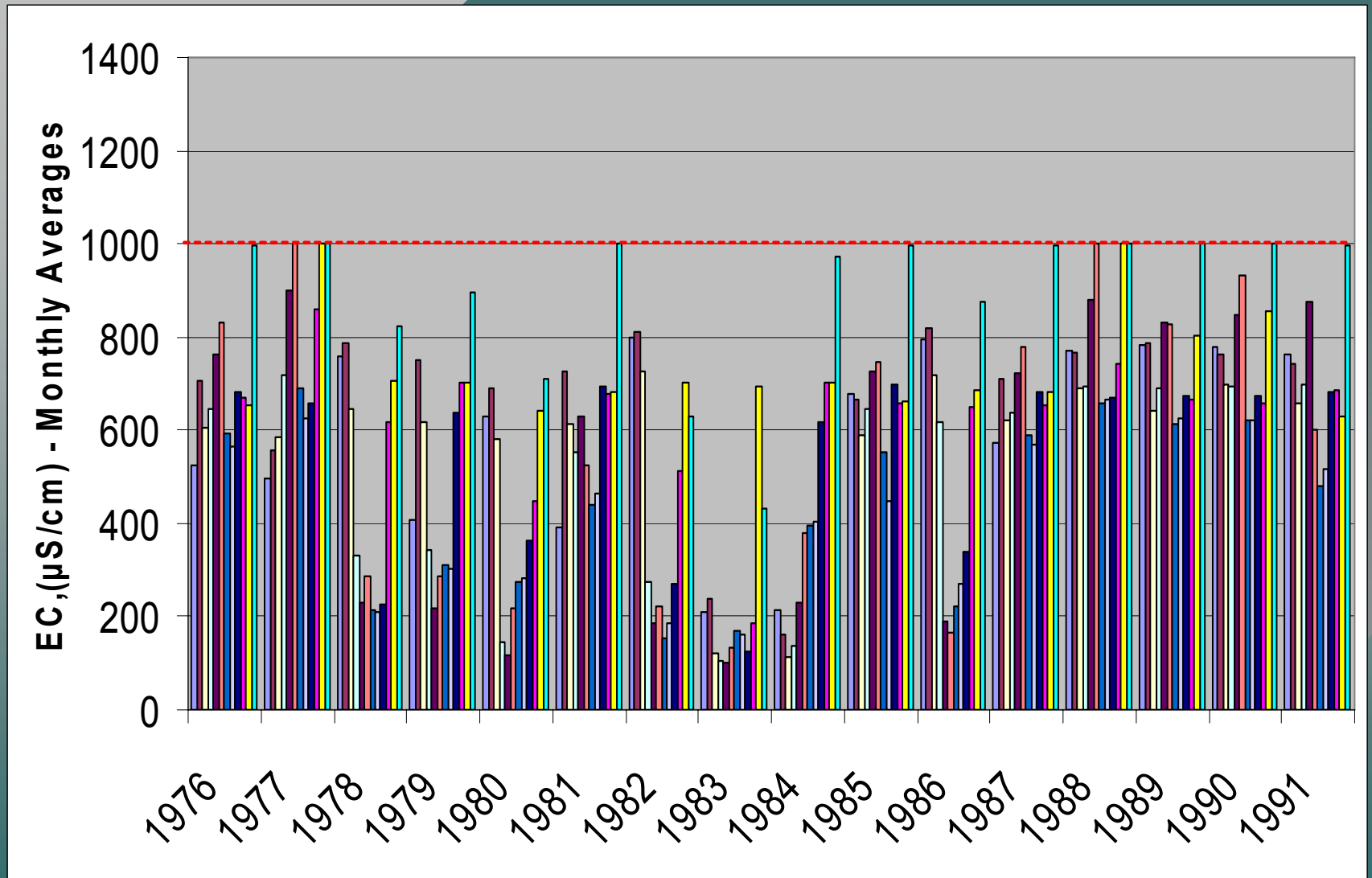
Proposed Grant Line Canal Barrier



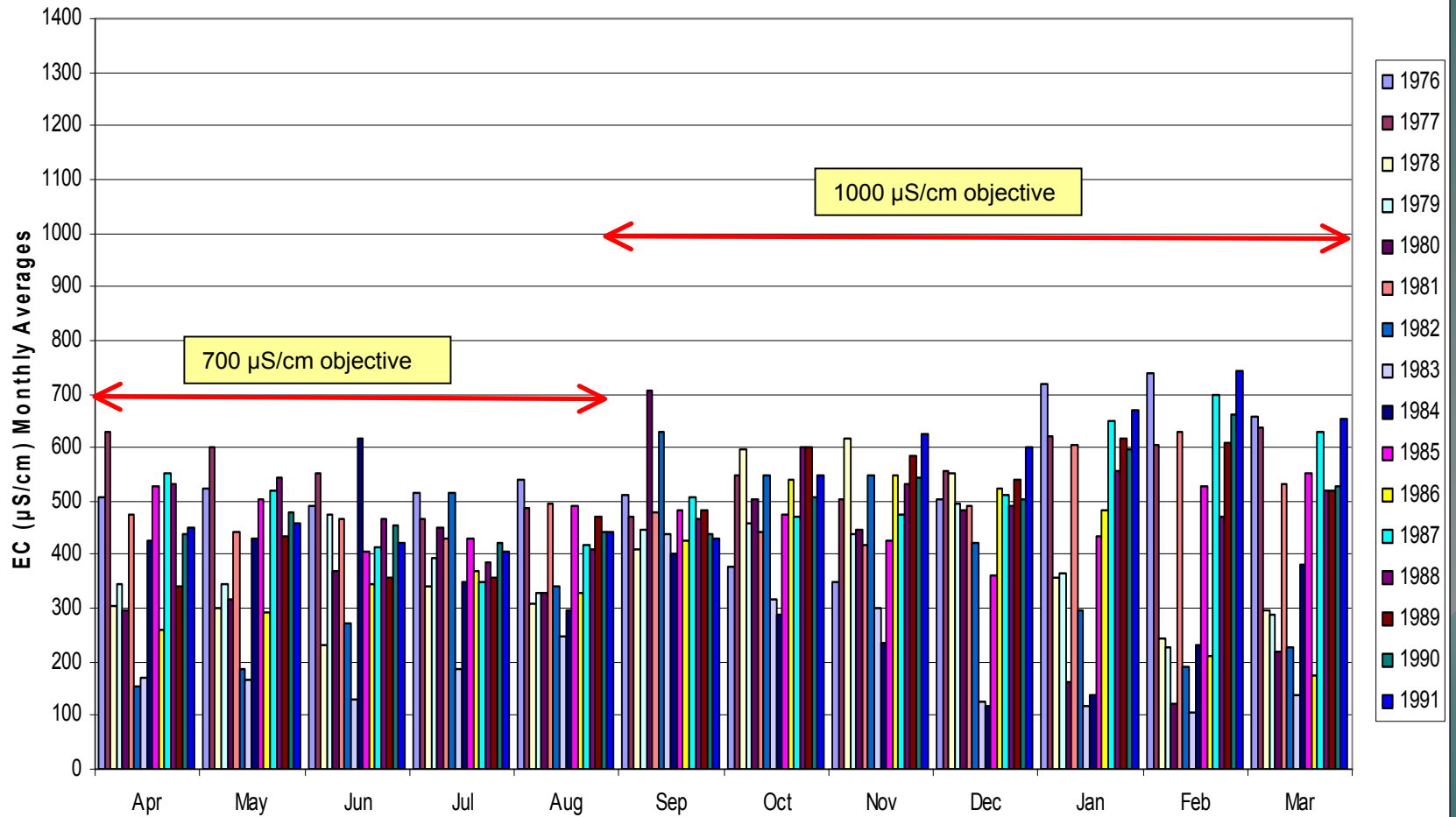
Bottom Hinge Gate



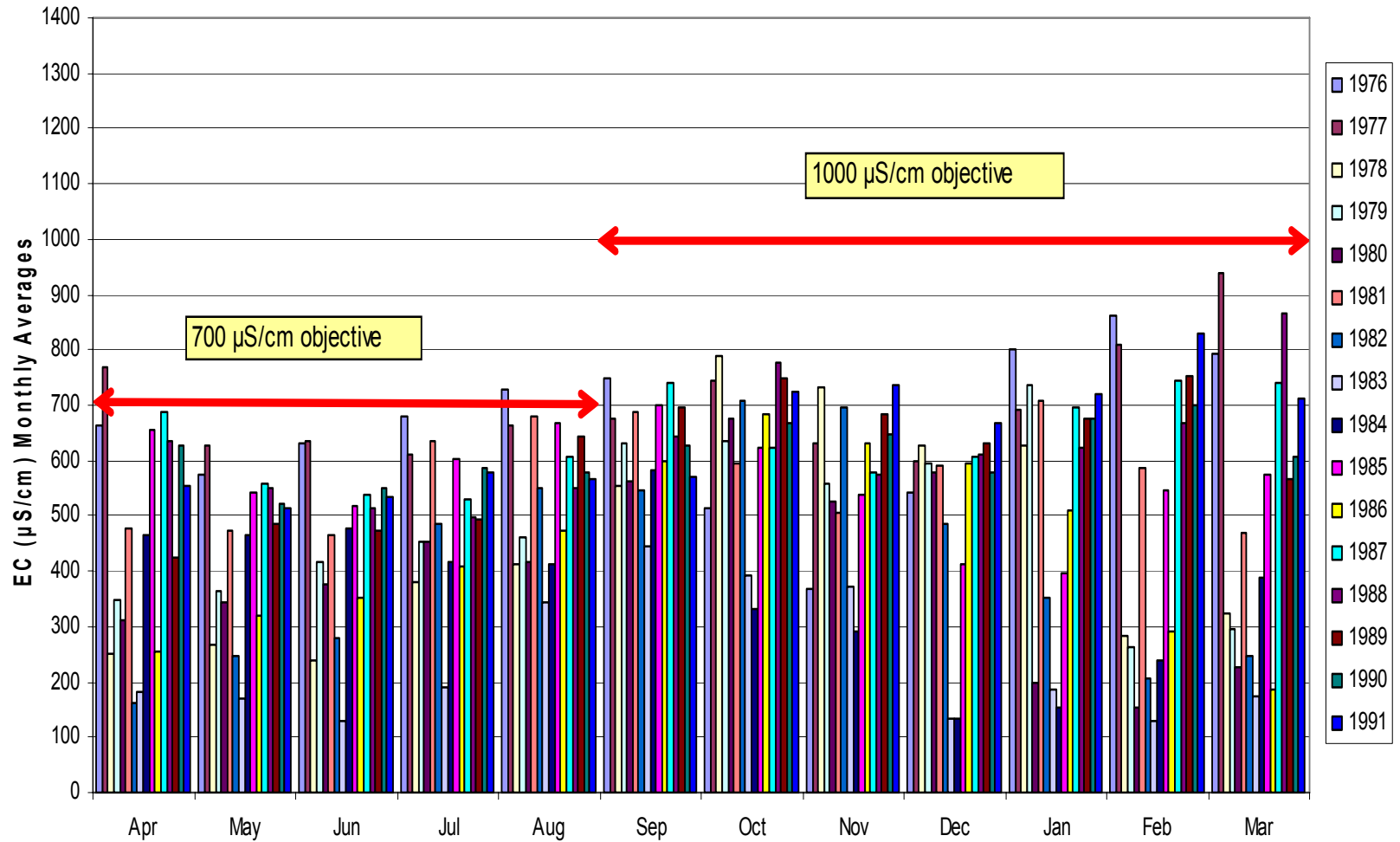
D-1641 Water Quality Compliance Sites



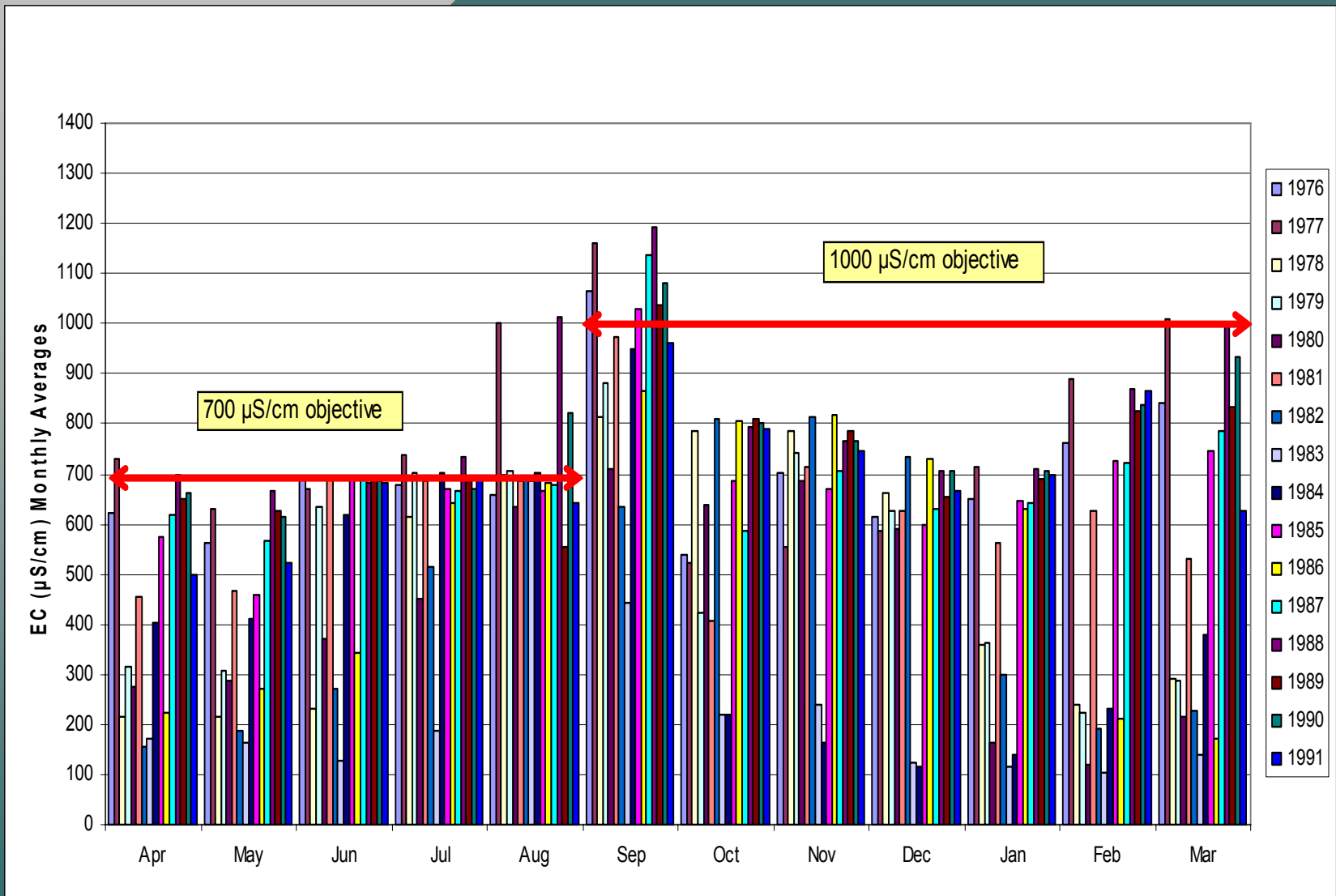
EC at SJR at Vernalis



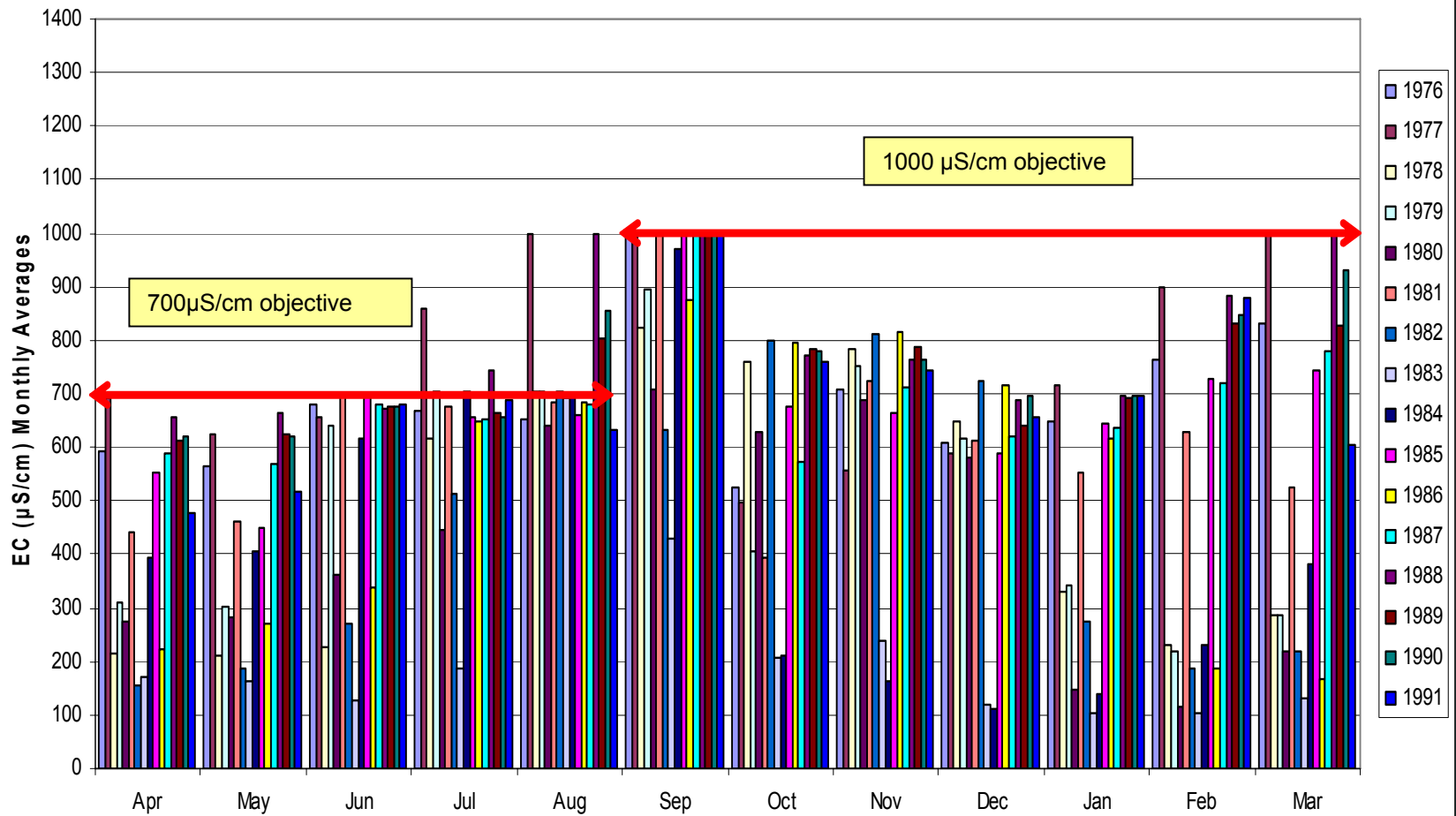
EC at Old River near Middle River



EC at Old River at Tracy Road Bridge



EC at SJR at Brandt Bridge



EC at SJR at Vernalis

SDIP Current Schedule

April 2005	Release Draft EIR/EIS
May 2005	Public Hearings
June 2005	Public Comments Due
December 2005	Final EIR
Spring 2008	Operate Permanent Barriers