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Municipal Water Quality Investigation
 Independent Data at a Variety of CCWD Locations

Date	Rock Slough				Old River (LV Intake)				Old River (LV Intake)				Old River (LV Intake)				Old River (LV Intake)			
	Bromide, mg/L		TOC, mg/L		DOC, mg/L				Bromide, mg/L		Chlorides, mg/L		TDS, mg/L		EC, umhos/cm					
	count	mean	count	mean	count	mean	Range	count	mean	Range	count	mean	Range	count	mean	Range	count	mean	Range	
						max	min			max	min			max	min			max	min	
Jan-1997			1	6.5	1	4.9			1	0.02			1	9			1	136		
Feb-1997	1	0.21	1	7.6	1	3.4			1	0.04			1	16			1	189		
Mar-1997	1	0.11	1	2.3	2	3.1	3.1	3.0	2	0.05	0.05	0.05	2	16	16	16	2	111	111	111
Apr-1997	1	<0.1	1	2.0	1	3.0			1	0.07			1	25			1	153		
May-1997	1	0.12	1	7.3	1	3.1			1	0.12			1	44			1	220		
Jun-1997	1	<0.1	1	<1.0	1	2.7			1	0.09			1	32			1	162		
Jul-1997	1	0.13	1	2.2	1	3.2			1	0.08			1	27			1	154		
Aug-1997	1	0.11	1	3.3	1	2.6			1	0.10			1	32			1	137		
Sep-1997	1	<0.1	1	4.2	1	2.7			1	0.06			1	23			1	140		
Oct-1997	1	0.36	1	3.0	1	2.5			1	0.37			1	81			1	259		
Nov-1997	1	0.81	1	<5.0	1	2.6			1	0.46			1	133			1	320		
Dec-1997	1	0.46	1	4.1	2	3.2	3.2	3.1	1	0.54			1	157			1	383		
Jan-1998					1	4.5			1	0.24			1	73			1	249		
Feb-1998					1	8.4			1	0.19							2	541	541	541
Mar-1998					1	3.7			1	0.12										
Apr-1998					1	3.7			1	0.08										
May-1998					1	2.7			1	0.04										
Jun-1998					1	3.1														
Jul-1998					1	3.1														
Aug-1998					1	3.0			1	0.06										
Sep-1998					1	2.8			1	0.04										
Oct-1998					1	2.6			1	0.05										
Nov-1998					1	2.4			1	0.05										

Note: Pumping Plant #1 is a raw water sample 3.97 miles from the Delta, through an unlined canal.

Date	Pumping Plant #1				Pumping Plant #1				Pumping Plant #1				Pumping Plant #1				Mallard Slough			
	DOC, mg/L				Chloride, mg/L				TDS, mg/L				EC, umhos/cm				Bromide, mg/L			
	count	mean	Range	count	mean	Range	count	mean	Range	count	mean	Range	count	mean	Range	count	mean			
		max	min			max	min			max	min			max	min					
Jan-1997	1	6.6			1	0.15			1	56			1	242			1.0	7.6		
Feb-1997																	1.0	0.1		
Mar-1997	1	3.8			1	0.08			1	33			1	170						
Apr-1997	1	3.1			1	0.07			1	25			1	148			1.0	0.0		
May-1997	1	3.2			1	0.11			1	41			1	207			4	701	1674	369
Jun-1997	1	2.8			1	0.09			1	31			1	164			1	319		
Jul-1997	1	2.9			1	0.07			1	26			1	144			2	248	251	244
Aug-1997	2	2.35	2.5	2.2	2	0.12	0.12	0.11	2	39	39	39	2	153	156	149	3	262	275	249
Sep-1997	1	2.8			1	0.08			1	31			1	146			1	277		
Oct-1997	2	2.5	2.5	2.5	2	0.47	0.49	0.44	2	124	128	119	2	356	370	342	2	723	723	723
Nov-1997	2	2.65	2.7	2.6	2.00	0.79	0.80	0.77	2	207	208	205	2	506	508	504	2	1008	1008	###
Dec-1997	2	3.10	3.1	2.9	2	0.67	0.67	0.67	2	207	209	204	2	622	638	606	2	112	112	112
Jan-1998	1	4.0			2	0.53	0.53	0.52	2	168	169	167	2	504	505	503	2	932	932	932
Feb-1998	1	4.6			1	0.38			1	130			1	507			1	873		
Mar-1998	1	7.3			1	0.39														
Apr-1998																				
May-1998																				
Jun-1998																				
Jul-1998	1	3.5			1	0.06														
Aug-1998	1	2.8			1	0.05														
Sep-1998	1	2.6			1	0.03														
Oct-1998	1	2.5			1	0.04														
Nov-1998	1	2.3			1.00	0.04														

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