

Subject: April 2013 Exceedence of Salinity Objectives at Emmaton

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FIGURE 1

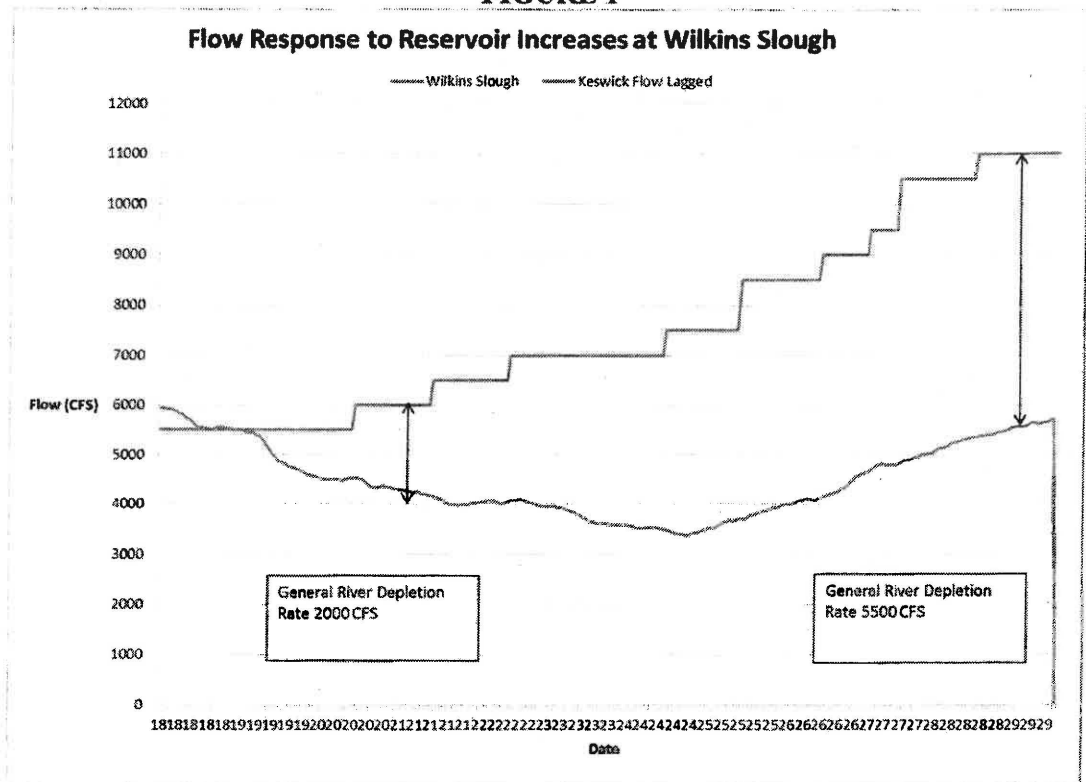
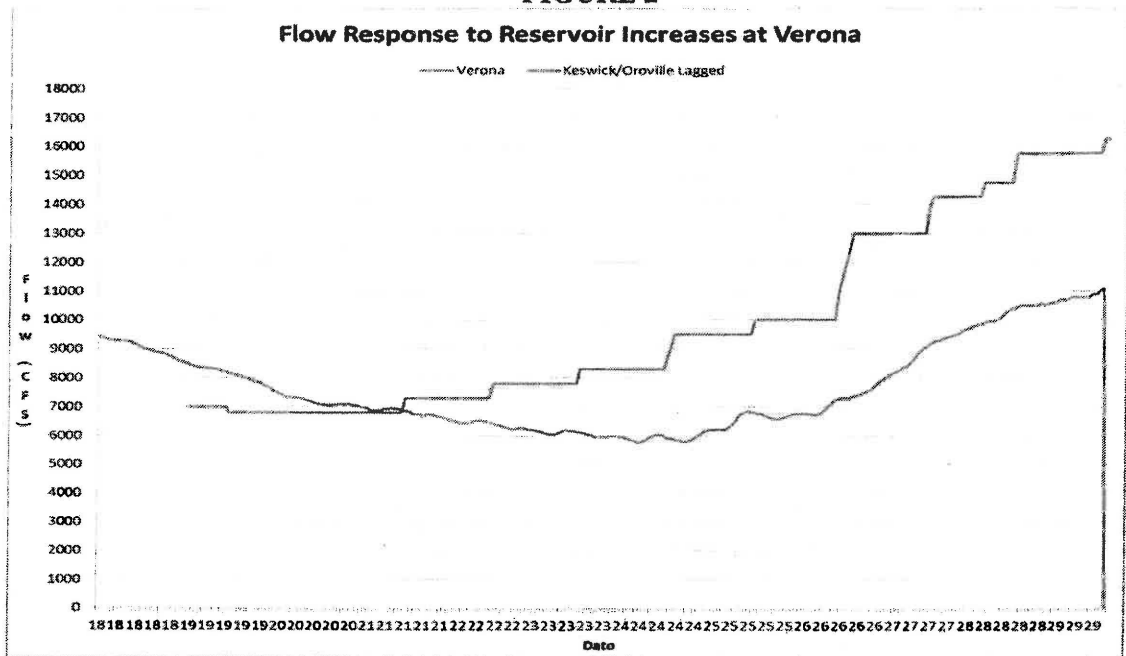
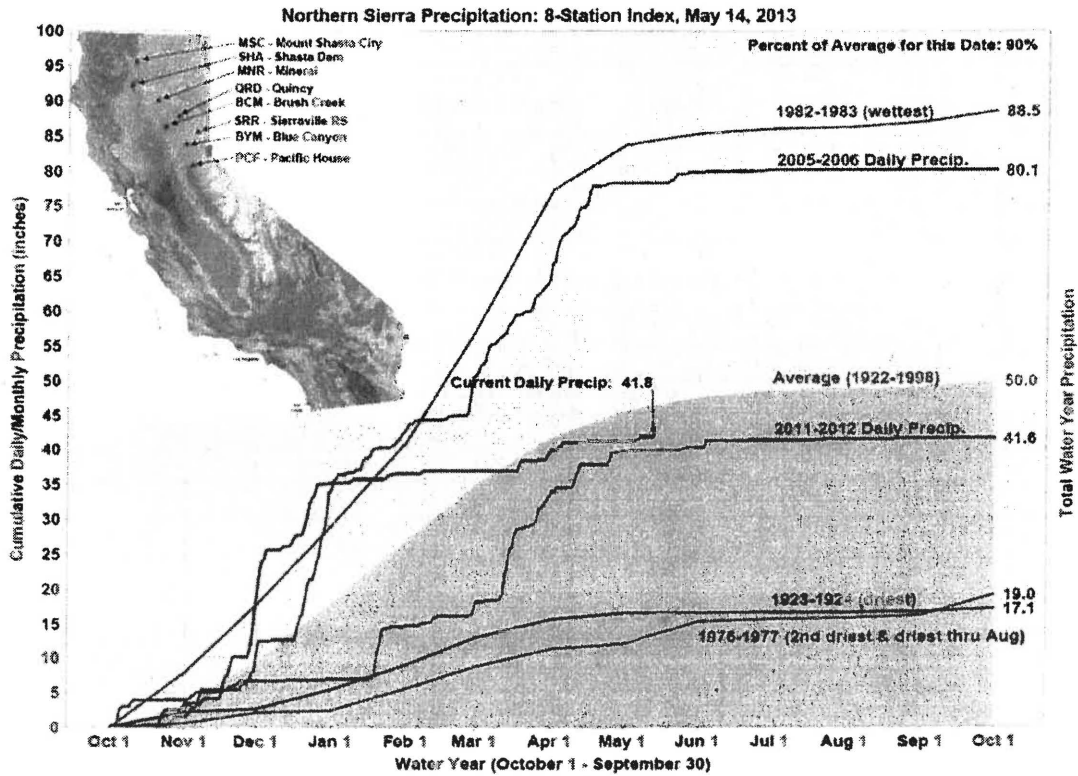


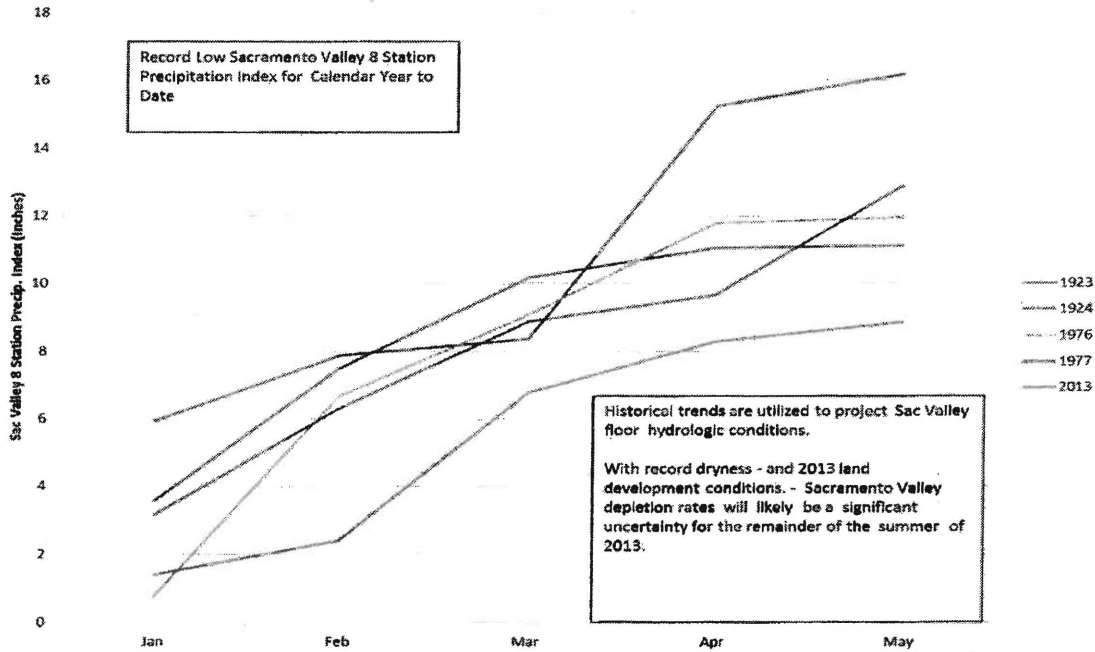
FIGURE 2



8SRI PLOT



Extreme Calendar Year Sac Valley Precipitation Conditions



Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Sunday, May 19, 2013

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	11 %
Habitat Protection, X2 / Flow * 2days as carryover from April	1 days at Chipps Island 31 days at Collinsville	3 days 19 days

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	165 days	139 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	42 mg/l
14dm EC at Emmaton	<= 0.45 mS/cm	0.44 mS/cm
14dm EC at Jersey Point	<= 0.45 mS/cm	0.34 mS/cm
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=0.7 mS/cm	0.3 mS/cm
Brandt Bridge	<= 0.7 mS/cm	0.3 mS/cm
Old River Near Tracy	<=0.7 mS/cm	0.4 mS/cm
Old River Near Middle River	<=0.7 mS/cm	mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 1 Open / 0 Closed / 2 Full Tide Open
Flashboard Status : In
Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, May 1, 2013)

Previous Month's Index (8RI for April.): 2.023 MAF
Water Year Type: Dry
Sacramento valley water year type index (40/30/30) @ 50%: 5.8 MAF (Dry)
San Joaquin valley water year type index (60/20/20) @ 75%: 1.6 MAF (Critical)

Electrical Conductivity (EC) in millisiemens per Centimeter.
Chlorides (Cl) in milligrams per liter
mht - mean high tides
md - mean daily
14 dm - fourteen day running mean
28 dm - twenty-eight day running mean
NR - No Record
NC - Average not computed due to insufficient data.
BR : Below Rating
e - estimated value

Montezuma Slough Gate Operation:
Number of gates operating at either
Open, Closed, or Full Tide Open
Flashboard Status : In, Out, or Modified In
Boat Lock Status : Open or Closed

Coordinated Operation Agreement Delta Status:
c = excess Delta conditions
b = balanced Delta cond. w/ no storage withdrawal
s = balanced Delta cond. w/ storage withdrawal
Excess Delta conditions with restrictions:
f = fish concerns
r = E/I ratio concerns

* NDOI, Rio Vista & Vernalis Flows:
- Monthly average is progressive daily mean.
- 7 day average is progressive daily mean for the first six days of the month.

Delta Water Quality Conditions

Date	Antioch Tides		Net Delta Outflow Index cfs	Martinez mdEC	Port Chicago		Mallard mdEC	Chippis Island		Collinsville	
	High	Half			mdEC	14dm		mdEC	14dm	mdEC	14dm
04/20/2013	4.93	3.50	8,211	18.80	11.88	7.15	4.52	3.99	1.64	1.65	0.55
04/21/2013	5.12	3.57	7,471	21.29	13.71	7.53	6.22	5.68	1.90	2.35	0.68
04/22/2013	5.33	3.66	7,059	22.73	15.38	8.08	6.75	6.22	2.20	3.03	0.85
04/23/2013	5.73	3.88	6,849	24.39	15.82	8.80	7.88	7.37	2.65	4.18	1.12
04/24/2013	6.07	4.19	6,605	25.78	18.18	9.65	9.84	9.43	3.23	5.31	1.47
04/25/2013	6.47	4.25	7,038	26.40	18.77	10.49	10.63	10.27	3.86	6.13	1.88
04/26/2013	6.32	4.08	7,896	25.52	17.32	11.21	9.19	8.74	4.38	5.33	2.22
04/27/2013	6.31	4.02	9,030	24.92	16.30	11.84	8.76	8.29	4.86	4.95	2.54
04/28/2013	6.36	4.08	10,396	24.58	15.35	12.44	8.30	7.81	5.31	4.66	2.84
04/29/2013	6.40	4.24	10,578	24.44	14.82	12.96	8.21	7.72	5.75	4.38	3.11
04/30/2013	6.24	4.15	10,798	23.98	13.59	13.56	7.92	7.42	6.21	4.37	3.40
05/01/2013	5.84	3.99	11,146	22.44	11.37	14.10	6.67	6.13	6.60	3.97	3.66
05/02/2013	5.30	3.75	11,614	21.84	12.15	14.52	6.15	5.61	6.93	2.99	3.85
05/03/2013	5.51	3.82	10,635	21.60	12.21	14.78	6.64	6.10	7.20	3.02	4.02
05/04/2013	6.13	4.17	9,908	22.78	12.84	14.84	7.67	7.16	7.42	3.97	4.19
05/05/2013	6.32	4.48	9,485	25.15	12.95	14.79	9.37	8.93	7.66	5.28	4.40
05/06/2013	6.15	4.19	9,388	24.14	11.38	14.50	8.18	7.69	7.76	4.51	4.50
05/07/2013	6.06	4.10	9,350	23.80	11.10	14.17	8.04	7.54	7.77	4.44	4.52
05/08/2013	6.01	4.07	9,129	24.07	10.98	13.65	8.21	7.71	7.65	4.37	4.46
05/09/2013	6.05	4.08	9,695	23.57	9.40	12.98	7.95	7.45	7.45	4.07	4.31
05/10/2013	6.06	4.08	10,994	22.85	8.69	12.37	7.50	6.98	7.32	3.91	4.21
05/11/2013	6.04	4.03	11,743	21.76	7.75	11.76	6.63	6.09	7.17	3.39	4.10
05/12/2013	5.98	4.06	11,861	20.78	7.95	11.23	6.40	5.87	7.03	3.28	4.00
05/13/2013	5.94	4.12	11,402	21.10	7.48	10.70	6.19	5.65	6.88	3.12	3.91
05/14/2013	5.80	4.16	11,153	21.37	6.97	10.23	6.22	5.68	6.76	2.89	3.80
05/15/2013	5.72	4.15	10,114	21.13	5.60	9.82	6.14	5.60	6.72	2.74	3.71
05/16/2013	5.26	4.02	9,550	21.54	2.97	9.16	5.75	5.21	6.89	2.87	3.70
05/17/2013	5.18	3.95	8,987	21.04	2.33	8.46	5.39	4.85	6.60	1.99	3.63
05/18/2013	5.07	3.63	9,399	18.61	2.09	7.69	4.55	4.02	6.38	1.69	3.47
05/19/2013	5.27	3.48	9,727	18.03	1.99	6.91	4.14	3.62	6.00	1.52	3.20

Antioch Tides measured in feet above mean sea level.
 Net Delta Outflow Index calculated from equation as specified in D-1841, revised June 1995.
 Chippis Island EC calculated from measurements recorded at Mallard Slough.
 Electrical Conductivity (EC) units: milliSiemens per Centimeter
 md : mean daily
 14dm : fourteen day running mean
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e - estimated value

Delta Water Quality Conditions

Date	Antioch		Jersey Point		Emmaton		Cache Slough	Good Year Slough	Sunrise Club	Volanti Slough	Beldon Landing	Collinsville
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC
04/20/2013	0.39	0.42	0.23	0.25	0.20	0.20	0.39	5.83	5.06	5.62	5.55	2.04
04/21/2013	0.61	0.42	0.24	0.25	0.22	0.20	0.40	5.92	5.40	6.19	5.60	3.56
04/22/2013	0.87	0.44	0.24	0.25	0.25	0.20	0.42	6.13	5.97	6.77	5.93	4.39
04/23/2013	1.16	0.49	0.25	0.25	0.29	0.21	0.42	6.94	7.31	8.39	7.40	5.37
04/24/2013	1.93	0.60	0.30	0.25	0.71	0.25	0.42	8.71	8.59	10.03	9.00	6.92
04/25/2013	2.36	0.74	0.36	0.26	1.28	0.32	0.43	9.73	8.79	10.32	9.24	7.42
04/26/2013	1.91	0.85	0.33	0.26	1.06	0.39	0.43	10.74	9.36	10.77	9.23	6.54
04/27/2013	1.87	0.95	0.34	0.27	1.00	0.44	0.42	11.60	9.71	11.16	9.59	5.86
04/28/2013	1.93	1.06	0.35	0.27	0.89	0.49	0.43	11.74	9.83	10.73	10.02	5.61
04/29/2013	2.04	1.17	0.36	0.28	0.75	0.53	0.45	11.84	10.00	11.33	10.34	5.73
04/30/2013	1.90	1.28	0.37	0.29	0.64	0.56	0.46	11.91	9.92	11.63	10.50	5.40
05/01/2013	1.33	1.35	0.35	0.30	0.35	0.57	0.51	11.90	9.76	11.44	10.86	4.69
05/02/2013	1.28	1.42	0.32	0.31	0.35	0.58	0.46	11.85	9.95	11.16	10.66	3.85
05/03/2013	1.29	1.49	0.33	0.31	0.38	0.60	0.46	11.87	9.85	11.30	9.99	4.36
05/04/2013	1.55	1.57	0.36	0.32	0.44	0.61	0.48	11.74	10.13	10.74	9.79	5.88
05/05/2013	2.21	1.69	0.44	0.34	0.76	0.65	0.42	11.59	9.85	10.94	9.73	6.92
05/06/2013	1.87	1.76	0.39	0.35	0.67	0.68	0.42	11.57	9.68	10.58	8.64	5.54
05/07/2013	1.71	1.80	0.37	0.36	0.62	0.71	0.43	11.61	9.25	9.83	7.57	5.72
05/08/2013	1.66	1.78	0.36	0.36	0.63	0.70	0.45	11.64	8.67	9.42	7.11	5.77
05/09/2013	1.63	1.73	0.36	0.36	0.61	0.65	0.48	11.79	8.13	9.21	6.63	5.27
05/10/2013	1.48	1.70	0.35	0.36	0.57	0.62	0.50	11.99	7.76	8.60	6.49	5.24
05/11/2013	1.32	1.66	0.34	0.36	0.46	0.58	0.48	12.11	7.49	8.22	6.05	4.24
05/12/2013	1.32	1.61	0.34	0.36	0.41	0.54	0.45	11.82	7.10	7.63	5.50	4.49
05/13/2013	1.18	1.55	0.34	0.36	0.37	0.52	0.45	11.36	6.59	7.07	4.94	3.93
05/14/2013	1.12	1.50	0.34	0.36	0.34	0.50	0.43	11.33	6.13	6.45	4.24	4.30
05/15/2013	1.11	1.48	0.33	0.35	0.37	0.50	0.42	11.16	5.72	5.97	3.88	3.56
05/16/2013	1.03	1.46	0.32	0.35	0.32	0.50	0.40	10.60	5.18	5.67	3.68	
05/17/2013	0.91	1.44	0.31	0.35	0.29	0.49	NR	10.25	5.10	5.62	3.53	3.14
05/18/2013	0.74	1.38	0.30	0.35	0.25	0.48	NR	10.12	5.04	5.56	3.31	2.43
05/19/2013	0.70	1.27	0.29	0.34	0.23	0.44	NR	9.95	4.98	5.51	2.97	2.33

Electrical Conductivity (EC) units: milliSiemens per Centimeter

Chloride (Cl) units: milligrams per liter

mht : mean high tides

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Delta Water Quality Conditions

Date	Bethel Island mdEC	Farrar Park mdEC	Holland Tract mdEC	Bacon Island mdEC	Contra Costa mdEC	Clifton Court mdEC	Tracy Pumping Plant mdEC	Antioch mdCl	Bacon Island mdCl	Contra Costa mdCl	Delta Status
04/20/2013	0.25	0.29	0.26	0.27	0.34	0.57	0.75	54	33	37	f
04/21/2013	0.25	0.29	0.25	0.27	0.32	0.51	0.68	124	32	38	f
04/22/2013	0.24	0.29	0.25	0.27	0.33	0.46	0.60	206	32	37	f
04/23/2013	0.24	0.29	0.25	0.27	0.33	0.43	0.50	298	31	37	f
04/24/2013	0.25	0.28	0.25	0.27	0.32	0.40	0.49	545	31	37	f
04/25/2013	0.26	0.27	0.25	0.26	0.32	0.38	0.42	683	31	36	s
04/26/2013	0.26	0.29	0.26	0.27	0.31	0.35	0.43	537	32	36	s
04/27/2013	0.25	0.29	0.26	0.28	0.32	0.32	0.40	524	34	36	s
04/28/2013	0.26	0.29	0.26	0.28	0.32	0.32	0.35	544	35	36	s
04/29/2013	0.26	0.30	0.26	0.28	0.29	0.31	0.32	581	35	36	s
04/30/2013	0.26	0.30	0.26	0.28	0.31	0.34	0.33	535	34	36	s
05/01/2013	0.27	0.29	0.26	0.27	0.30	0.32	0.33	352	32	36	s
05/02/2013	0.28	0.29	0.21	0.27	0.31	0.33	0.32	337	32	34	s
05/03/2013	0.28	0.29	0.23	0.27	0.31	0.33	0.31	341	32	35	s
05/04/2013	0.28	0.30	0.27	0.27	0.30	0.32	0.31	424	32	35 e	s
05/05/2013	0.29	0.31	0.28	0.28	0.29	0.30	0.28	635	34	35 e	s
05/06/2013	0.29	0.31	0.28	0.28	0.29	0.25	0.28	525	35	33	s
05/07/2013	0.29	0.32	0.28	0.29	0.29	0.24	NR	475	37	33	s
05/08/2013	0.30	0.33	0.29	0.29	0.28	0.24	NR	458	38	33	s
05/09/2013	0.30	0.33	0.29	0.30	0.30	0.25	NR	448	40	34	s
05/10/2013	0.31	0.34	0.30	0.30	0.30	0.26	NR	400	41	35	s
05/11/2013	0.31	0.33	0.30	0.31	0.29	0.28	NR	351	42	35 e	s
05/12/2013	0.31	0.34	0.30	0.31	0.31	0.29	NR	351	43	35 e	s
05/13/2013	0.31	0.33	0.31	0.32	0.32	0.31	NR	307	44	37	s
05/14/2013	0.31	0.33	0.31	0.32	0.32	0.30	NR	288	45	39	s
05/15/2013	0.31	0.34	0.31	0.32	0.32	0.32	NR	283	45	36	s
05/16/2013	0.31	0.34	0.31	0.32	NR	0.34	NR	257	45	40	s
05/17/2013	0.31	0.34	0.31	0.32	NR	0.35	NR	220	46	42	s
05/18/2013	0.31	0.34	0.31	0.33	NR	0.36	NR	166	47	42 e	s
05/19/2013	0.31	0.34	0.31	0.33	NR	0.39	NR	151	47	42 e	s

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 Chloride (Cl) units: milligrams per liter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e : estimated value
 Antioch and Bacon Island mdCl are calculated from the respective mdEC values.

Coordinated Operation Agreement Delta Status:
 c = excess Delta conditions
 b = balanced Delta cond. w/ no storage withdrawal
 s = balanced Delta cond. w/ storage withdrawal
 Excess Delta conditions with restrictions:
 f = fish concerns
 r = E/I ratio concerns

Delta Water Quality Conditions South Delta Stations

Date	Vernalis		Brandt Bridge		Old River Near Tracy		Old River Near Middle River	
	md EC	30 day avg	md EC	30 day avg	md EC	30 day avg	md EC	30 day avg
04/20/2013	0.39	0.79	0.52	0.88	0.90	1.10	0.40	0.87
04/21/2013	0.30	0.77	0.41	0.86	0.76	1.09	0.43	0.85
04/22/2013	0.30	0.75	0.42	0.84	0.64	1.08	0.33	0.84
04/23/2013	0.27	0.72	0.32	0.82	0.62	1.07	0.31	0.81
04/24/2013	0.25	0.70	0.30	0.80	0.47	1.05	0.26	0.79
04/25/2013	0.24	0.68	0.24	0.78	0.41	1.02	0.22	0.77
04/26/2013	0.24	0.65	0.22	0.76	0.34	1.00	0.21	0.74
04/27/2013	0.23	0.62	0.21	0.73	0.38	0.97	0.21	0.72
04/28/2013	0.23	0.60	0.21	0.71	0.38	0.94	0.21	0.69
04/29/2013	0.22	0.58	0.21	0.68	0.37	0.91	0.20	0.66
04/30/2013	0.22	0.56	0.20	0.66	0.35	0.88	0.20	0.64
05/01/2013	0.21	0.54	0.20	0.64	0.32	0.85	0.20	0.61
05/02/2013	0.21	0.52	0.20	0.61	0.36	0.82	0.19	0.59
05/03/2013	0.20	0.50	0.20	0.59	0.36	0.80	0.20	0.57
05/04/2013	0.19	0.47	0.19	0.57	0.31	0.77	0.18	0.55
05/05/2013	0.18	0.45	0.18	0.55	0.27	0.74	0.17	0.52
05/06/2013	0.19	0.43	0.17	0.52	0.25	0.72	0.17	0.50
05/07/2013	0.20	0.41	0.18	0.50	0.28	0.69	0.18	0.48
05/08/2013	0.20	0.39	0.20	0.48	0.31	0.67	0.20	0.45
05/09/2013	0.22	0.37	0.20	0.45	0.30	0.64	0.21	0.43
05/10/2013	0.22	0.35	0.22	0.43	0.29	0.62	NR	NC
05/11/2013	0.21	0.33	0.23	0.41	0.29	0.59	NR	NC
05/12/2013	0.21	0.31	0.22	0.38	0.29	0.56	NR	NC
05/13/2013	0.22	0.29	0.22	0.36	0.30	0.53	0.23	NC
05/14/2013	0.26	0.28	0.24	0.34	0.30	0.50	0.25	NC
05/15/2013	0.33	0.27	0.27	0.32	0.31	0.48	0.29	NC
05/16/2013	0.38	0.26	0.32	0.30	0.36	0.45	0.37	NC
05/17/2013	0.40	0.26	0.37	0.28	0.43	0.43	0.44	NC
05/18/2013	0.44	0.26	0.44	0.27	0.47	0.42	0.47	NC
05/19/2013	0.48	0.26	0.47	0.27	0.54	0.40	0.51	NC

Electrical Conductivity (EC) units: milliSiemens per Centimeter
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Delta Hydrology Conditions

Date	Sacramento River at Freeport + SRWTP cfs	Yolo Bypass cfs	East Side Streams cfs	San Joaquin River at Vernalis cfs	Rainfall inches	Clifton Court Forebay intake cfs	Tracy Pumping Plant cfs	CCWD Pumping Plants cfs	Barker Slough Pumping Plant cfs	SBID Diversion cfs
4/20/2013	8,441	395	591	2,334	0.00	1,193	807	25	56	0
4/21/2013	7,858	398	548	2,545	0.00	1,494	810	25	62	0
4/22/2013	7,645 e	410	519	2,678	0.00	1,694	810	25	62	200
4/23/2013	7,194	439	529	2,935	0.00	1,690	813	25	48	73
4/24/2013	6,360	496	559	3,414	0.00	1,695	821	26	72	72
4/25/2013	7,006	530	570	3,582	0.00	996	817	25	70	67
4/26/2013	8,078	529	542	3,675	0.00	991	815	25	65	53
4/27/2013	9,423	585	502	3,765	0.00	995	814	24	78	66
4/28/2013	10,870	584	509	3,893	0.00	963	815	24	77	0
4/29/2013	11,478	602	512	4,130	0.00	2,421	815	26	83	66
4/30/2013	12,147	616	500	4,064	0.00	2,998	817	27	83	0
5/1/2013	12,415	623	479	3,954	0.00	3,193	814	152	88	66
5/2/2013	11,495	629	463	3,952	0.00	494	3,155	178	94	63
5/3/2013	10,056	623	466	4,043	0.00	494	3,082	226	117	67
5/4/2013	9,028	660	478	4,176	0.00	1,492	1,353	240	96	0
5/5/2013	8,414	665	456	4,105	0.00	1,490	937	245	84	0
5/6/2013	8,445	648	445	3,970	0.00	993	982	245	91	159
5/7/2013	8,390	616	456	3,838	0.00	793	980	243	84	91
5/8/2013	9,212	557	479	3,689	0.00	792	979	243	84	77
5/9/2013	10,884	510	484	3,581	0.00	793	978	257	84	70
5/10/2013	11,824	486	468	3,549	0.00	999	978	261	98	72
5/11/2013	12,068	450	478	3,509	0.00	993	983	258	101	0
5/12/2013	11,480	448	479	3,439	0.00	993	982	260	109	0
5/13/2013	11,425	500	451	3,376	0.00	993	980	266	110	206
5/14/2013	10,886	553	416	2,828	0.00	993	980	252	99	76
5/15/2013	10,928	603	400	2,090	0.00	992	979	236	97	86
5/16/2013	10,499	579	410	1,678	0.00	993	863	207	92	84
5/17/2013	11,073	605	445	1,521	0.00	688	811	190	103	65
5/18/2013	11,534	643	439	1,423	0.00	689	808	185	112	0
5/19/2013	11,854	618	418	1,309	0.00	699	808	202	103	0

SRWTP : Sacramento Regional Water Treatment Plant effluent.

Yolo Bypass : combined measurements of Cache Creek at Rumsey and Fremont Weir.

East Side Streams : combined stream flows of Cosumnes River at Michigan Bar, Mokelumne River at Woodbridge, miscellaneous streams estimated from Dry Creek at Galt (discontinued since Dec. 1997), and Calaveras River based on releases from New Hogan Dam.

Rainfall : incremental daily precipitation measured at Stockton Fire Station #4.

CCWD Pumping Plants : combined pumping at the Old River, Rock Slough and Middle River Plants.

Delta Hydrology Conditions

Date	Banks Pumping Plant cfs	Delta Gross Channel Depletions cfs	Rio Vista Flow cfs	QWEST cfs	Net Delta Outflow Index cfs	Percent of Inflow Diverted		Delta Status
						3 day	14 day	
4/20/2013	1,161	1,900	7,029	1,372	8,211	13.3%	10.4%	f
4/21/2013	1,504	1,900	6,352	1,313	7,471	16.4%	12.6%	f
4/22/2013	1,504	1,900	5,850	1,404	7,059	18.7%	14.2%	f
4/23/2013	1,779	1,900	5,677	1,353	6,849	20.5%	15.7%	f
4/24/2013	1,504	1,950	5,301	1,512	6,605	21.3%	16.7%	f
4/25/2013	810	1,950	4,635	2,609	7,038	20.0%	16.0%	s
4/26/2013	895	1,950	5,229	2,868	7,896	17.7%	14.8%	s
4/27/2013	887	1,950	6,158	3,087	9,030	14.8%	13.4%	s
4/28/2013	985	2,000	7,366	3,247	10,396	13.6%	13.7%	s
4/29/2013	1,684	2,000	8,619	2,181	10,578	15.6%	17.3%	s
4/30/2013	2,348	2,000	9,164	1,856	10,798	18.7%	22.5%	s
5/1/2013	3,279	2,000	9,758	1,616	11,146	21.9%	27.7%	s
5/2/2013	1,123	2,000	9,998	1,850	11,614	22.0%	28.2%	s
5/3/2013	1,034	2,050	9,192	1,704	10,635	21.5%	26.9%	s
5/4/2013	1,654	2,100	7,925	2,226	9,908	20.2%	23.9%	s
5/5/2013	2,095	2,100	7,070	2,646	9,485	19.1%	20.8%	s
5/6/2013	596	2,100	6,543	3,083	9,388	16.4%	16.6%	s
5/7/2013	0	2,150	6,539	3,045	9,350	14.3%	13.7%	s
5/8/2013	0	2,150	6,459	2,905	9,129	12.8%	11.9%	s
5/9/2013	138	2,200	7,099	2,835	9,695	12.5%	11.5%	s
5/10/2013	1,101	2,200	8,501	2,745	10,994	12.4%	11.8%	s
5/11/2013	1,101	2,250	9,278	2,723	11,743	12.2%	12.2%	s
5/12/2013	1,101	2,300	9,440	2,691	11,861	12.1%	12.6%	s
5/13/2013	1,101	2,300	8,928	2,746	11,402	11.7%	12.3%	s
5/14/2013	1,015	2,350	8,918	2,498	11,153	11.7%	12.2%	s
5/15/2013	1,101	2,350	8,504	1,872	10,114	12.0%	12.2%	s
5/16/2013	930	2,400	8,577	1,233	9,550	12.5%	12.4%	s
5/17/2013	732	2,450	8,167	1,095	8,987	12.2%	11.6%	s
5/18/2013	732	2,450	8,690	992	9,399	11.5%	10.8%	s
5/19/2013	732	2,500	9,114	892	9,727	10.9%	10.2%	s

Delta Gross Channel Depletions from Dayflow Table 3.

Rio Vista Flow calculated from Dayflow equation.

QWEST calculated from Dayflow equation.

Net Delta Outflow Index calculated from equation as specified in D-1641, revised June 1995.

Coordinated Operation Agreement Delta Status:

c = excess Delta conditions

b = balanced Delta cond. w/ no storage withdrawal

s = balanced Delta cond. w/ storage withdrawal

Excess Delta conditions with restrictions:

f = fish concerns

r = E/I ratio concerns