

Web page and stations associated with historical water quality in the Delta

<http://cdec.water.ca.gov/misc/dailyStations.html>

MRU MIDDLE RIVER AT UNDINE ROAD
BDT SAN JOAQUIN R AT BRANDT BRIDGE
OLD OLD RIVER NEAR TRACY

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Thursday, January 02, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	65 %	22 %
NDOI, monthly average *	>= 4,500 cfs	5,618 cfs
NDOI, 7 day average*	>= 3,500 cfs	5,618 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l Export Areas for SWP, CVP, CCWD, et al	165 days <= 250 mg/l Cl	0 days 130 mg/l
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Maximum 30 day running average of mean daily EC at:

Vernalis	<=1.0 mS/cm	0.9 mS/cm
Brandt Bridge	<=1.0 mS/cm	0.9 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.1 mS/cm
Old River Near Middle River	<=1.0 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status : In
Boat Lock Status : Open

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

Previous Month's Index (8RI for Nov): 0.360 MAF
Water Year Type: Dry
Sacramento valley water year type index (40/30/30) @ 50%:5.6 MAF (Dry)
San Joaquin valley water year type index (60/20/20) @ 75%: 1.4 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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
b = balanced Delta conditions
r = excess Delta conditions with restrictions:

* 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	Martínez mdEC	Port Chicago		Mallard mdEC	Chippis Island		Collinsville	
	High	Half			mdEC	14dm		mdEC	14dm	mdEC	14dm
12/04/2013	6.75	4.40	5,362	29.48	21.33	20.24	14.76	14.75	13.37	11.00	9.10
12/05/2013	5.92	3.87	5,631	28.78	20.62	20.24	14.33	14.28	13.39	9.88	9.02
12/06/2013	5.82	3.63	5,345	27.99	19.48	20.30	13.60	13.48	13.49	9.09	9.01
12/07/2013	5.38	3.82	6,927	27.23	19.68	20.32	14.20	14.13	13.64	9.75	9.21
12/08/2013	4.74	3.20	7,890	26.20	17.74	20.23	12.02	11.76	13.66	8.03	9.28
12/09/2013	4.70	2.91	7,899	25.72	17.36	20.14	11.34	11.03	13.67	7.20	9.33
12/10/2013	4.76	2.32	7,697	25.32	17.38	20.01	11.21	10.89	13.65	6.89	9.35
12/11/2013	5.12	3.09	7,449	26.37	17.56	19.78	12.00	11.74	13.58	7.50	9.31
12/12/2013	5.44	3.35	5,401	26.03	17.46	19.55	13.20	13.04	13.49	7.41	9.17
12/13/2013	5.67	3.53	4,562	27.30	18.14	19.37	13.27	13.11	13.41	8.51	9.10
12/14/2013	5.57	3.50	4,664	-- NR	17.96	19.15	NR	--		8.38	9.00
12/15/2013	5.62	3.51	4,769	-- NR	17.96	18.96	NR	--		8.58	8.92
12/16/2013	5.81	3.44	4,578	27.88	17.87	18.70	13.40	13.26		8.75	8.80
12/17/2013	5.87	3.84	4,512	28.37	18.50	18.50	13.93	13.84		8.98	8.57
12/18/2013	6.15	4.14	4,546	28.57	17.11	18.20	14.76	14.76		10.19	8.51
12/19/2013	5.98	4.13	4,379	28.36	18.91	18.08	14.99	15.01		11.14	8.60
12/20/2013	5.76	4.02	5,260	28.07	18.07	17.98	14.22	14.16		9.56	8.63
12/21/2013	5.36	3.82	4,538	27.42	17.33	17.81	13.41	13.27		8.49	8.54
12/22/2013	4.90	3.63	4,881	26.50	16.23	17.70	12.93	12.74		7.88	8.53
12/23/2013	4.78	3.46	5,056	25.72	14.66	17.51	12.00	11.74		7.52	8.56
12/24/2013	4.95	3.44	4,867	25.60	14.73	17.32	12.17	11.92		7.18	8.58
12/25/2013	5.09	3.34	4,814	25.54	14.90	17.13	12.28	12.04		7.00	8.54
12/26/2013	5.38	3.44	4,835	26.33	15.17	16.97	12.73	12.53		7.58	8.55
12/27/2013	5.57	3.58	4,614	27.43	15.92	16.81	13.58	13.45		8.62	8.56
12/28/2013	5.99	3.84	4,983	28.89	17.10	16.74	14.86	14.87		9.78	8.66
12/29/2013	6.16	3.91	4,895	29.42	17.06	16.68	15.20	15.25	13.49	10.16	8.77
12/30/2013	6.31	3.95	5,086	29.55	17.19	16.63	15.84	15.73	13.68	10.77	8.92
12/31/2013	6.44	4.00	5,337	29.66	17.12	16.53	15.83	15.72	13.80	11.24	9.08
01/01/2014	6.46	4.03	5,591	29.47	17.62	16.57	15.82	15.93	13.88	11.38	9.16
01/02/2014	6.29	3.97	5,645	28.94	17.53	16.47	15.52	15.60	13.92	10.99	9.15

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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		Cacho Slough	Good Year Slough	Sunrise Club	Volanti Slough	Beldon Landing	Collinsville	
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mltEC	mhtEC	mhtEC	
12/04/2013	6.19		NC	1.90	1.64	3.14	2.60	0.73	19.93	13.18	13.81	13.57	12.65
12/05/2013	5.83		NC	1.72	1.62	2.81	2.66	0.70	19.82	12.76	13.87	12.77	11.98
12/06/2013	5.53		NC	1.60	1.61	2.82	2.76	0.68	19.34	12.39	13.74	12.64	10.92
12/07/2013	5.85		NC	1.63	1.61	2.71	2.82	0.79	18.88	11.97	11.57	11.79	11.45
12/08/2013	4.59		NC	1.29	1.60	1.57	2.81	0.72	19.15	11.76	11.61	10.79	8.90
12/09/2013	3.99		NC	1.18	1.60	1.52	2.80	NR	19.26	11.75	11.43	10.45	8.87
12/10/2013	4.04		NC	1.17	1.60	1.47	2.78	NR	19.92	11.96	11.35	10.05	8.07
12/11/2013	4.57		NC	1.30	1.59	1.71	2.74	NR	18.81	11.59	11.21	9.70	9.91
12/12/2013	5.54		NC	1.38	1.57	1.89	2.67	0.64	17.94	11.55	11.13	9.37	10.24
12/13/2013	5.45		NC	1.50	1.57	2.19	2.61	0.67	17.19	11.29	10.98	8.70	10.91
12/14/2013	-- NR		NC	1.50	1.57	2.26	2.55	0.67	NR	NR	NR	NR	NR
12/15/2013	-- NR		NC	1.52	1.56	2.37	2.48	0.66	NR	NR	NR	NR	NR
12/16/2013	6.09		NC	1.64	1.55	2.65	2.41	0.67	NR	NR	NR	NR	NR
12/17/2013	6.19		NC	1.80	1.51	2.84	2.28	0.69	16.77	10.81	10.47	9.99	10.01
12/18/2013	6.68		NC	2.04	1.52	3.29	2.29	0.69	16.62	10.82	10.42	9.86	11.89
12/19/2013	6.71		NC	2.04	1.54	2.81	2.29	0.76	16.97	10.71	11.91	9.99	12.27
12/20/2013	6.12		NC	2.02	1.57	2.66	2.28	0.66	16.97	10.77	12.59	10.28	11.02
12/21/2013	5.89		NC	1.84	1.59	2.61	2.28	0.71	17.36	10.88	12.86	11.18	10.28
12/22/2013	5.51		NC	1.68	1.62	2.20	2.32	0.70	17.57	10.99	12.58	11.45	8.78
12/23/2013	5.18		NC	1.55	1.64	2.06	2.36	0.71	17.87	11.18	12.62	11.68	8.61
12/24/2013	5.18		NC	1.56	1.67	2.14	2.41	0.71	17.76	11.29	12.82	12.21	8.48
12/25/2013	5.26		NC	1.53	1.69	2.03	2.43	0.77	17.90	11.42	12.67	11.92	9.08
12/26/2013	5.71		NC	1.61	1.70	2.42	2.47	0.82	17.81	11.52	12.82	11.84	10.24
12/27/2013	6.15		NC	1.82	1.72	2.66	2.50	0.81	17.68	11.49	12.66	11.03	12.00
12/28/2013	6.98		NC	2.17	1.77	3.17	2.56	0.77	17.72	e	12.80	10.27	12.67
12/29/2013	7.17	6.06		2.33	1.83	3.60	2.65	0.74	17.93	11.80	12.72	10.24	13.63
12/30/2013	7.41	6.15		2.38	1.88	3.99	2.75	0.73	18.03	11.55	12.76	10.52	13.49
12/31/2013	7.64	6.26		2.55	1.94	4.25	2.85	0.70	18.35	11.58	13.66	11.66	13.87
01/01/2014	7.56	6.32		2.58	1.98	4.27	2.92	0.73	18.42	11.60	14.11	12.10	13.67
01/02/2014	7.20	6.35		2.39	2.00	4.00	3.00	0.70	18.22	11.47	13.58	12.23	12.85

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 Chloride (Cl) units: milligrams per liter
 mht : mean high tides
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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
12/04/2013	0.94	1.05	0.76	0.66	0.61	0.59	0.69	1,903	134	117	b
12/05/2013	0.94	1.03	0.75	0.66	0.61	0.63	0.74	1,786	135	119	b
12/06/2013	0.93	1.03	0.73	0.67	0.58	0.63	0.75	1,691	136	119	b
12/07/2013	0.94	1.06	0.74	0.67	0.57	0.62	0.75	1,792	138	117	b
12/08/2013	0.95	1.01	0.74	0.67	0.57	0.66	0.76	1,391	137	117	b
12/09/2013	0.92	0.98	0.73	0.67	0.57	0.66	0.81	1,202	136	117	b
12/10/2013	0.91	0.99	0.74	0.67	0.58	0.62	0.80	1,216	137	115	b
12/11/2013	0.92	1.00	0.75	0.67	0.59	0.63	0.78	1,385	138	115	b
12/12/2013	0.93	1.00	0.75	0.68	0.59	0.64	0.79	1,695	139	121	b
12/13/2013	0.93	1.02	0.75	0.68	0.59	0.61	0.76	1,664	140	118	b
12/14/2013	0.93	1.01	0.75	0.68	0.59	0.63	0.77		141	121	b
12/15/2013	0.93	1.01	0.75	0.68	0.60	0.64	0.78		141	121	b
12/16/2013	0.94	1.03	0.75	0.68	0.60	0.61	0.74	1,869	140	122	b
12/17/2013	0.95	1.04	0.75	0.68	0.60	0.61	0.71	1,903	141	122	b
12/18/2013	0.98	1.06	0.76	0.68	0.59	0.64	0.75	2,056	140	122	b
12/19/2013	0.99	1.06	0.79	0.69	0.61	0.66	0.76	2,068	141	121	b
12/20/2013	1.03	1.05	0.82	0.70	0.61	0.66	0.77	1,879	144	123	b
12/21/2013	1.08	1.06	0.81	0.71	0.62	0.68	0.77	1,807	148	123 e	b
12/22/2013	1.09	1.05	0.81	0.72	0.63	0.69	0.78	1,684	150	123 e	b
12/23/2013	1.08	1.06	0.80	0.73	0.64	0.70	0.77	1,580	152	128	b
12/24/2013	1.08	1.07	0.80	0.73	0.64	0.70	0.78	1,579	152	123	b
12/25/2013	1.08	1.08	0.81	0.73	0.64	0.73	0.80	1,605	154	138	b
12/26/2013	1.08	1.10	0.82	0.74	0.66	0.69	0.83	1,747	154	125	b
12/27/2013	1.09	1.11	0.84	0.74	0.66	0.68	0.79	1,888	156	135	b
12/28/2013	1.10	1.14	0.85	0.75	0.67	0.68	0.79	2,154	158	135 e	b
12/29/2013	1.13	1.17	0.85	0.76	0.67	0.69	0.78	2,213	160	135 e	b
12/30/2013	1.17	1.19	0.86	0.76	0.67	0.69	0.80	2,290	160	130	b
12/31/2013	1.21	1.23	0.87	0.76	0.67	0.70	0.80	2,363	161	128	b
01/01/2014	1.24	1.26	0.86	0.76	0.67	0.70	0.81	2,336	160	128 e	b
01/02/2014	1.27	1.26	0.88	0.76	0.68	0.74	0.82	2,225	161	130	b

Electrical Conductivity (EC) units: milliSiemens per Centimeter
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 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
12/04/2013	0.83	0.73	0.87	0.74	0.97	0.87	0.88	0.77
12/05/2013	0.82	0.74	0.89	0.76	0.96	0.88	0.88	0.78
12/06/2013	0.81	0.75	0.89	0.77	0.98	0.89	0.86	0.79
12/07/2013	0.80	0.75	0.89	0.78	1.00	0.90	0.87	0.80
12/08/2013	0.83	0.76	0.89	0.79	1.01	0.91	0.87	0.80
12/09/2013	0.85	0.76	0.89	0.80	1.00	0.92	0.86	0.81
12/10/2013	0.85	0.76	0.88	0.81	1.01	0.93	0.88	0.81
12/11/2013	0.84	0.77	0.88	0.82	1.06	0.93	0.90	0.82
12/12/2013	0.86	0.77	0.89	0.82	1.08	0.94	0.90	0.82
12/13/2013	0.86	0.78	0.91	0.83	1.09	0.95	0.89	0.82
12/14/2013	0.86	0.78	0.92	0.83	1.07	0.96	0.91	0.83
12/15/2013	0.87	0.79	0.92	0.83	1.08	0.96	0.90	0.83
12/16/2013	0.87	0.79	0.92	0.84	1.07	0.96	0.90	0.83
12/17/2013	0.86	0.79	0.92	0.84	1.08	0.97	0.91	0.84
12/18/2013	0.86	0.80	0.92	0.85	1.07	0.97	0.91	0.84
12/19/2013	0.87	0.81	0.92	0.85	1.05	0.98	0.91	0.85
12/20/2013	0.87	0.81	0.92	0.85	1.05	0.98	0.90	0.85
12/21/2013	0.86	0.82	0.92	0.86	1.05	0.99	0.91	0.86
12/22/2013	0.85	0.82	0.92	0.86	1.06	0.99	0.91	0.86
12/23/2013	0.87	0.83	0.93	0.87	1.07	1.00	0.91	0.87
12/24/2013	0.88	0.83	0.93	0.88	1.09	1.00	0.90	0.88
12/25/2013	0.91	0.84	0.92	0.88	1.10	1.01	0.92	0.88
12/26/2013	0.92	0.84	0.92	0.89	1.10	1.02	0.93	0.88
12/27/2013	0.96	0.85	0.93	0.89	1.11	1.03	0.95	0.89
12/28/2013	0.92	0.86	0.93	0.90	1.13	1.03	0.98	0.89
12/29/2013	0.91	0.86	0.94	0.90	1.15	1.04	0.97	0.90
12/30/2013	0.92	0.86	0.95	0.90	1.15	1.05	0.94	0.90
12/31/2013	0.93	0.87	0.96	0.91	1.14	1.05	0.93	0.90
01/01/2014	0.94	0.87	0.96	0.91	1.14	1.06	0.91	0.90
01/02/2014	0.96	0.87	0.96	0.92	1.14	1.07	0.94	0.91

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Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Monday, January 06, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	65 %	21 %
NDOI, monthly average *	>= 4,500 cfs	5,762 cfs
NDOI, 7 day average*	>= 3,500 cfs	5,762 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	165 days	0 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	129 mg/l

Maximum 30 day running average of mean daily EC at:

Vernalis	<=1.0 mS/cm	0.9 mS/cm
Brandt Bridge	<=1.0 mS/cm	0.9 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.1 mS/cm
Old River Near Middle River	<=1.0 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates :	0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status : In	
Boat Lock Status : Open	

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

Previous Month's Index (8RI for Nov): 0.360 MAF

Water Year Type: Dry

Sacramento valley water year type index (40/30/30) @ 50%: 5.6 MAF (Dry)

San Joaquin valley water year type index (60/20/20) @ 75%: 1.4 MAF (Critical)

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Chlorides (Cl) in milligrams per liter
mht - mean high tides
md - mean daily
14 dm - fourteen day running mean
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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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
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r = excess Delta conditions with restrictions:

* 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
12/08/2013	4.74	3.20	7,890	26.20	17.74	20.23	12.02	11.76	13.66	8.03	9.28
12/09/2013	4.70	2.91	7,899	25.72	17.36	20.14	11.34	11.03	13.67	7.20	9.33
12/10/2013	4.76	2.32	7,697	25.32	17.38	20.01	11.21	10.89	13.65	6.89	9.35
12/11/2013	5.12	3.09	7,449	26.37	17.56	19.78	12.00	11.74	13.58	7.50	9.31
12/12/2013	5.44	3.35	5,401	26.03	17.46	19.55	13.20	13.04	13.49	7.41	9.17
12/13/2013	5.67	3.53	4,562	27.30	18.14	19.37	13.27	13.11	13.41	8.51	9.10
12/14/2013	5.57	3.50	4,664	-- NR	17.96	19.15	NR	--		8.38	9.00
12/15/2013	5.62	3.51	4,769	-- NR	17.96	18.96	NR	--		8.58	8.92
12/16/2013	5.81	3.44	4,578	27.88	17.87	18.70	13.40	13.26		8.75	8.80
12/17/2013	5.87	3.84	4,512	28.37	18.50	18.50	13.93	13.84		8.98	8.57
12/18/2013	6.15	4.14	4,546	28.57	17.11	18.20	14.76	14.76		10.19	8.51
12/19/2013	5.98	4.13	4,379	28.36	18.91	18.08	14.99	15.01		11.14	8.60
12/20/2013	5.76	4.02	5,260	28.07	18.07	17.98	14.22	14.16		9.56	8.63
12/21/2013	5.36	3.82	4,538	27.42	17.33	17.81	13.41	13.27		8.49	8.54
12/22/2013	4.90	3.63	4,881	26.50	16.23	17.70	12.93	12.74		7.88	8.53
12/23/2013	4.78	3.45	5,056	25.72	14.66	17.51	12.00	11.74		7.52	8.56
12/24/2013	4.95	3.44	4,867	25.60	14.73	17.32	12.17	11.92		7.18	8.58
12/25/2013	5.09	3.34	4,814	25.54	14.90	17.13	12.28	12.04		7.00	8.54
12/26/2013	5.38	3.44	4,835	26.33	15.17	16.97	12.73	12.53		7.58	8.55
12/27/2013	5.57	3.58	4,614	27.43	15.92	16.81	13.58	13.45		8.62	8.58
12/28/2013	5.99	3.84	4,983	28.89	17.10	16.74	14.86	14.87		9.78	8.66
12/29/2013	6.16	3.91	4,895	29.42	17.06	16.68	15.20	15.25	13.49	10.16	8.77
12/30/2013	6.31	3.95	5,086	29.55	17.19	16.63	15.64	15.73	13.66	10.77	8.92
12/31/2013	6.44	4.00	5,337	29.66	17.12	16.53	15.63	15.72	13.80	11.24	9.08
01/01/2014	6.46	4.03	5,591	29.47	17.62	16.57	15.82	15.93	13.88	11.38	9.16
01/02/2014	6.29	3.97	5,645	28.94	17.53	16.47	15.52	15.60	13.92	10.99	9.15
01/03/2014	6.21	4.04	5,818	29.15	17.37	16.42	15.56	15.64	14.03	10.99	9.26
01/04/2014	5.95	4.08	5,633	28.69	16.98	16.40	15.52	15.59	14.20	10.94	9.43
01/05/2014	5.43	3.88	5,862	27.87	16.39	16.41	14.73	14.72	14.34	10.08	9.59
01/06/2014	5.34	3.68	6,022	26.82	14.97	16.43	13.90	13.81	14.49	9.33	9.72

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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	Volant Slough	Beldon Landing	Collinsville		
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC		
12/08/2013	4.59		NC	1.29	1.60	1.57	2.81	0.72	19.15	11.76	11.61	10.79	8.90	
12/09/2013	3.99		NC	1.18	1.60	1.52	2.80		NR	19.26	11.75	11.43	10.45	8.87
12/10/2013	4.04		NC	1.17	1.60	1.47	2.78		NR	19.92	11.96	11.35	10.05	8.07
12/11/2013	4.57		NC	1.30	1.59	1.71	2.74		NR	18.81	11.59	11.21	9.70	9.91
12/12/2013	5.54		NC	1.38	1.57	1.89	2.67	0.64	17.94	11.55	11.13	9.37	10.24	
12/13/2013	5.45		NC	1.50	1.57	2.19	2.61	0.67	17.19	11.29	10.98	8.70	10.91	
12/14/2013	--	NR	NC	1.50	1.57	2.26	2.55	0.67		NR	NR	NR	NR	NR
12/15/2013	--	NR	NC	1.52	1.56	2.37	2.48	0.66		NR	NR	NR	NR	NR
12/16/2013	6.09		NC	1.64	1.55	2.65	2.41	0.67		NR	NR	NR	NR	NR
12/17/2013	6.19		NC	1.80	1.51	2.84	2.28	0.69	16.77	10.81	10.47	9.99	10.01	
12/18/2013	6.68		NC	2.04	1.52	3.29	2.29	0.69	16.62	10.82	10.42	9.86	11.89	
12/19/2013	6.71		NC	2.04	1.54	2.81	2.29	0.76	16.97	10.71	11.91	9.99	12.27	
12/20/2013	6.12		NC	2.02	1.57	2.66	2.28	0.66	16.97	10.77	12.59	10.28	11.02	
12/21/2013	5.89		NC	1.84	1.59	2.61	2.28	0.71	17.36	10.88	12.86	11.18	10.28	
12/22/2013	5.51		NC	1.68	1.62	2.20	2.32	0.70	17.57	10.99	12.58	11.45	8.78	
12/23/2013	5.18		NC	1.55	1.64	2.05	2.36	0.71	17.87	11.18	12.62	11.68	8.61	
12/24/2013	5.18		NC	1.56	1.67	2.14	2.41	0.71	17.76	11.29	12.82	12.21	8.48	
12/25/2013	5.26		NC	1.53	1.69	2.03	2.43	0.77	17.90	11.42	12.67	11.92	9.08	
12/26/2013	5.71		NC	1.61	1.70	2.42	2.47	0.82	17.81	11.52	12.82	11.84	10.24	
12/27/2013	6.15		NC	1.82	1.72	2.66	2.50	0.81	17.68	11.49	12.66	11.03	12.00	
12/28/2013	6.98		NC	2.17	1.77	3.17	2.56	0.77	17.72	e	12.80	10.27	12.67	
12/29/2013	7.17	6.06		2.33	1.83	3.60	2.65	0.74	17.93	11.60	12.72	10.24	13.63	
12/30/2013	7.41	6.15		2.38	1.88	3.99	2.75	0.73	18.03	11.55	12.76	10.52	13.49	
12/31/2013	7.64	6.26		2.55	1.94	4.25	2.85	0.70	18.35	11.58	13.66	11.66	13.87	
01/01/2014	7.56	6.32		2.58	1.98	4.27	2.92	0.73	18.42	11.60	14.11	12.10	13.67	
01/02/2014	7.20	6.35		2.39	2.00	4.00	3.00	0.70	18.22	11.47	13.58	12.23	12.85	
01/03/2014	7.18	6.43		2.35	2.02	3.97	3.10	0.70		e	11.41	13.75	12.26	13.09
01/04/2014	7.14	6.52		2.30	2.06	3.86	3.19	0.72		e	11.35	13.25	11.92	13.08
01/05/2014	6.61	6.60		2.06	2.08	3.42	3.27	0.78		e	11.18	12.66	11.42	12.03
01/06/2014	6.05	6.66		1.92	2.11	2.88	3.33	0.77		e	11.04	12.14	11.24	11.05

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
12/08/2013	0.95	1.01	0.74	0.67	0.57	0.66	0.76	1,391	137	117	b
12/09/2013	0.92	0.98	0.73	0.67	0.57	0.66	0.81	1,202	136	117	b
12/10/2013	0.91	0.99	0.74	0.67	0.58	0.62	0.80	1,216	137	115	b
12/11/2013	0.92	1.00	0.75	0.67	0.59	0.63	0.78	1,385	138	115	b
12/12/2013	0.93	1.00	0.75	0.68	0.59	0.64	0.79	1,695	139	121	b
12/13/2013	0.93	1.02	0.75	0.68	0.59	0.61	0.76	1,664	140	118	b
12/14/2013	0.93	1.01	0.75	0.68	0.59	0.63	0.77		141	121	b
12/15/2013	0.93	1.01	0.75	0.68	0.60	0.64	0.78		141	121	b
12/16/2013	0.94	1.03	0.75	0.68	0.60	0.61	0.74	1,869	140	122	b
12/17/2013	0.95	1.04	0.75	0.68	0.60	0.61	0.71	1,903	141	122	b
12/18/2013	0.98	1.06	0.76	0.68	0.59	0.64	0.75	2,056	140	122	b
12/19/2013	0.99	1.06	0.79	0.69	0.61	0.66	0.76	2,068	141	121	b
12/20/2013	1.03	1.05	0.82	0.70	0.61	0.66	0.77	1,879	144	123	b
12/21/2013	1.08	1.06	0.81	0.71	0.62	0.68	0.77	1,807	148	123 e	b
12/22/2013	1.09	1.05	0.81	0.72	0.63	0.69	0.78	1,664	150	123 e	b
12/23/2013	1.08	1.06	0.80	0.73	0.64	0.70	0.77	1,580	152	128	b
12/24/2013	1.08	1.07	0.80	0.73	0.64	0.70	0.78	1,579	152	123	b
12/25/2013	1.08	1.08	0.81	0.73	0.64	0.73	0.80	1,605	154	138	b
12/26/2013	1.08	1.10	0.82	0.74	0.66	0.69	0.83	1,747	154	125	b
12/27/2013	1.09	1.11	0.84	0.74	0.66	0.68	0.79	1,888	156	135	b
12/28/2013	1.10	1.14	0.85	0.75	0.67	0.68	0.79	2,154	158	135 e	b
12/29/2013	1.13	1.17	0.85	0.76	0.67	0.69	0.78	2,213	160	135 e	b
12/30/2013	1.17	1.19	0.86	0.76	0.67	0.69	0.80	2,290	160	130	b
12/31/2013	1.21	1.23	0.87	0.76	0.67	0.70	0.80	2,363	161	128	b
01/01/2014	1.24	1.26	0.86	0.76	0.67	0.70	0.81	2,336	160	128 e	b
01/02/2014	1.27	1.26	0.88	0.76	0.68	0.74	0.82	2,225	161	130	b
01/03/2014	1.30	1.29	0.89	0.77	0.68	0.70	0.81	2,218	163	135	b
01/04/2014	1.32	1.29	0.91	0.78	0.68	0.72	0.80	2,204	166	135 e	b
01/05/2014	1.33	1.28	0.92	0.78	0.68	0.74	0.81	2,035	167	135 e	b
01/06/2014	1.33	1.27	0.92	0.79	0.68	0.77	0.85	1,855	168	129	b

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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
12/08/2013	0.83	0.76	0.89	0.79	1.01	0.91	0.87	0.80
12/09/2013	0.85	0.76	0.89	0.80	1.00	0.92	0.86	0.81
12/10/2013	0.85	0.76	0.88	0.81	1.01	0.93	0.88	0.81
12/11/2013	0.84	0.77	0.88	0.82	1.06	0.93	0.90	0.82
12/12/2013	0.86	0.77	0.89	0.82	1.08	0.94	0.90	0.82
12/13/2013	0.86	0.78	0.91	0.83	1.09	0.95	0.89	0.82
12/14/2013	0.86	0.78	0.92	0.83	1.07	0.96	0.91	0.83
12/15/2013	0.87	0.79	0.92	0.83	1.08	0.96	0.90	0.83
12/16/2013	0.87	0.79	0.92	0.84	1.07	0.96	0.90	0.83
12/17/2013	0.86	0.79	0.92	0.84	1.08	0.97	0.91	0.84
12/18/2013	0.86	0.80	0.92	0.85	1.07	0.97	0.91	0.84
12/19/2013	0.87	0.81	0.92	0.85	1.05	0.98	0.91	0.85
12/20/2013	0.87	0.81	0.92	0.85	1.05	0.98	0.90	0.85
12/21/2013	0.86	0.82	0.92	0.86	1.05	0.99	0.91	0.86
12/22/2013	0.85	0.82	0.92	0.86	1.06	0.99	0.91	0.86
12/23/2013	0.87	0.83	0.93	0.87	1.07	1.00	0.91	0.87
12/24/2013	0.88	0.83	0.93	0.88	1.09	1.00	0.90	0.88
12/25/2013	0.91	0.84	0.92	0.88	1.10	1.01	0.92	0.88
12/26/2013	0.92	0.84	0.92	0.89	1.10	1.02	0.93	0.88
12/27/2013	0.96	0.85	0.93	0.89	1.11	1.03	0.95	0.89
12/28/2013	0.92	0.86	0.93	0.90	1.13	1.03	0.96	0.89
12/29/2013	0.91	0.86	0.94	0.90	1.15	1.04	0.97	0.90
12/30/2013	0.92	0.86	0.95	0.90	1.15	1.05	0.94	0.90
12/31/2013	0.93	0.87	0.96	0.91	1.14	1.05	0.93	0.90
01/01/2014	0.94	0.87	0.96	0.91	1.14	1.06	0.91	0.90
01/02/2014	0.96	0.87	0.96	0.92	1.14	1.07	0.94	0.91
01/03/2014	0.98	0.88	0.96	0.92	1.13	1.07	0.96	0.91
01/04/2014	0.97	0.88	0.96	0.92	1.12	1.08	0.97	0.91
01/05/2014	0.98	0.89	0.97	0.92	1.12	1.08	0.99	0.92
01/06/2014	0.97	0.90	0.98	0.93	1.13	1.09	0.99	0.92

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 a : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Sunday, January 12, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	65 %	19 %
NDOI, monthly average *	>= 4,500 cfs	5,479 cfs
NDOI, 7 day average*	>= 3,500 cfs	5,313 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	165 days	0 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	134 mg/l

Maximum 30 day running average of mean daily EC at:

Vernalis	<=1.0 mS/cm	0.9 mS/cm
Brandt Bridge	<=1.0 mS/cm	1.0 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.1 mS/cm
Old River Near Middle River	<=1.0 mS/cm	1.0 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates :	0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status :	In
Boat Lock Status :	Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Jan 1, 2014)

Previous Month's Index (8RI for Dec): 0.380 MAF

Water Year Type: Critical

Sacramento valley water year type index (40/30/30) @ 50%: 4.5 MAF (Critical)

San Joaquin valley water year type index (60/20/20) @ 75%: 1.2 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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
b = balanced Delta conditions
r = excess Delta conditions with restrictions:

* 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
12/14/2013	5.57	3.50	4,664	-- NR	17.96	19.15	NR	--		8.38	9.00
12/15/2013	5.62	3.51	4,769	-- NR	17.96	18.96	NR	--		8.58	8.92
12/16/2013	5.81	3.44	4,578	27.88	17.87	18.70	13.40	13.28		8.75	8.80
12/17/2013	5.87	3.84	4,512	28.37	18.50	18.50	13.93	13.84		8.98	8.57
12/18/2013	6.15	4.14	4,546	28.57	17.11	18.20	14.76	14.76		10.19	8.51
12/19/2013	5.98	4.13	4,379	28.36	18.91	18.08	14.99	15.01		11.14	8.60
12/20/2013	5.76	4.02	5,260	28.07	18.07	17.98	14.22	14.16		9.56	8.63
12/21/2013	5.36	3.82	4,538	27.42	17.33	17.81	13.41	13.27		8.49	8.54
12/22/2013	4.90	3.63	4,881	26.50	16.23	17.70	12.93	12.74		7.88	8.53
12/23/2013	4.78	3.45	5,056	25.72	14.66	17.51	12.00	11.74		7.52	8.56
12/24/2013	4.95	3.44	4,867	25.60	14.73	17.32	12.17	11.92		7.18	8.58
12/25/2013	5.09	3.34	4,814	25.54	14.90	17.13	12.28	12.04		7.00	8.54
12/26/2013	5.38	3.44	4,835	26.33	15.17	16.97	12.73	12.53		7.58	8.55
12/27/2013	5.57	3.58	4,614	27.43	15.92	16.81	13.58	13.45		8.62	8.56
12/28/2013	5.99	3.84	4,983	28.89	17.10	16.74	14.86	14.87		9.78	8.66
12/29/2013	6.16	3.91	4,895	29.42	17.06	16.68	15.20	15.25	13.49	10.16	8.77
12/30/2013	6.31	3.95	5,086	29.55	17.19	16.63	15.64	15.73	13.68	10.77	8.92
12/31/2013	6.44	4.00	5,337	29.66	17.12	16.53	15.63	15.72	13.80	11.24	9.08
01/01/2014	6.46	4.03	5,591	29.47	17.62	16.57	15.82	15.93	13.88	11.38	9.18
01/02/2014	6.29	3.97	5,645	28.94	17.53	16.47	15.52	15.60	13.92	10.99	9.15
01/03/2014	6.21	4.04	5,818	29.15	17.37	16.42	15.56	15.64	14.03	10.99	9.28
01/04/2014	5.95	4.08	5,633	28.69	16.98	16.40	15.52	15.59	14.20	10.94	9.43
01/05/2014	5.43	3.88	5,862	27.87	16.39	16.41	14.73	14.72	14.34	10.08	9.59
01/06/2014	5.34	3.68	6,022	26.82	14.97	16.43	13.90	13.81	14.49	9.33	9.72
01/07/2014	5.49	3.64	5,835	26.58	14.83	16.44	13.82	13.72	14.61	9.30	9.87
01/08/2014	5.64	3.63	5,411	26.20	13.93	16.37	13.62	13.50	14.72	9.42	10.04
01/09/2014	5.67	3.57	5,616	26.07	12.93	16.21	13.49	13.36	14.78	9.18	10.16
01/10/2014	5.58	3.49	5,110	26.46	12.25	15.95	13.17	13.01	14.75	8.45	10.14
01/11/2014	5.74	3.61	4,909	26.74	11.58	15.55	13.61	13.49	14.65	8.94	10.08
01/12/2014	5.67	3.64	4,292	26.57	10.88	15.11	13.41	13.28	14.51	9.58	10.04

Antioch Tides measured in feet above mean sea level.
Net Delta Outflow Index calculated from equation as specified in D-1641, 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	
12/14/2013	--	NR	NC	1.50	1.57	2.26	2.55	0.67	NR	NR	NR	NR	NR
12/15/2013	--	NR	NC	1.52	1.56	2.37	2.48	0.66	NR	NR	NR	NR	NR
12/16/2013	6.09		NC	1.64	1.55	2.65	2.41	0.67	NR	NR	NR	NR	NR
12/17/2013	6.19		NC	1.80	1.51	2.84	2.28	0.69	16.77	10.81	10.47	9.99	10.01
12/18/2013	6.68		NC	2.04	1.52	3.29	2.29	0.69	16.62	10.82	10.42	9.86	11.89
12/19/2013	6.71		NC	2.04	1.54	2.81	2.29	0.76	16.97	10.71	11.91	9.99	12.27
12/20/2013	6.12		NC	2.02	1.57	2.66	2.28	0.66	16.97	10.77	12.59	10.28	11.02
12/21/2013	5.89		NC	1.84	1.59	2.61	2.28	0.71	17.36	10.88	12.86	11.18	10.28
12/22/2013	5.51		NC	1.68	1.62	2.20	2.32	0.70	17.57	10.99	12.58	11.45	8.78
12/23/2013	5.18		NC	1.55	1.64	2.06	2.36	0.71	17.87	11.18	12.62	11.68	8.61
12/24/2013	5.18		NC	1.56	1.67	2.14	2.41	0.71	17.76	11.29	12.82	12.21	8.48
12/25/2013	5.26		NC	1.53	1.69	2.03	2.43	0.77	17.90	11.42	12.67	11.92	9.08
12/26/2013	5.71		NC	1.61	1.70	2.42	2.47	0.82	17.81	11.52	12.82	11.84	10.24
12/27/2013	6.15		NC	1.82	1.72	2.86	2.50	0.81	17.68	11.49	12.66	11.03	12.00
12/28/2013	6.98		NC	2.17	1.77	3.17	2.56	0.77	17.72	e	12.80	10.27	12.67
12/29/2013	7.17	6.06	2.33	1.83	3.60	2.65	0.74	17.93	11.60	12.72	10.24	13.63	
12/30/2013	7.41	6.15	2.38	1.88	3.99	2.75	0.73	18.03	11.56	12.76	10.52	13.49	
12/31/2013	7.64	6.26	2.55	1.94	4.25	2.85	0.70	18.35	11.58	13.66	11.66	13.87	
01/01/2014	7.56	6.32	2.58	1.98	4.27	2.92	0.73	18.42	11.60	14.11	12.10	13.67	
01/02/2014	7.20	6.35	2.39	2.00	4.00	3.00	0.70	18.22	11.47	13.58	12.23	12.85	
01/03/2014	7.18	6.43	2.35	2.02	3.97	3.10	0.70		NR	11.41	13.75	12.26	13.09
01/04/2014	7.14	6.52	2.30	2.06	3.86	3.19	0.72		NR	11.36	13.25	11.92	13.08
01/05/2014	6.61	6.60	2.06	2.08	3.42	3.27	0.78		NR	11.18	12.66	11.42	12.03
01/06/2014	6.05	6.66	1.92	2.11	2.88	3.33	0.77		NR	11.04	12.14	11.24	11.05
01/07/2014	5.89	6.71	1.89	2.13	2.88	3.39	0.77		NR	11.25	11.98	11.03	11.42
01/08/2014	5.86	6.75	1.88	2.16	2.79	3.45	0.84		NR	11.58	11.86	10.77	11.38
01/09/2014	5.82	6.76	1.86	2.18	2.84	3.48	0.82	18.40	11.62	11.67	10.41	11.04	
01/10/2014	5.62	6.72	1.80	2.17	2.52	3.47	0.76	18.90	11.41	11.61	10.29	10.52	
01/11/2014	5.93	6.65	1.93	2.16	2.94	3.45	0.77		e	11.60	11.58	10.34	11.51
01/12/2014	5.77	6.55	1.81	2.12	2.73	3.39	0.70		e	e	11.30	10.28	11.00

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
12/14/2013	0.93	1.01	0.75	0.68	0.59	0.63	0.77		141	121	b
12/15/2013	0.93	1.01	0.75	0.68	0.60	0.64	0.78		141	121	b
12/16/2013	0.94	1.03	0.75	0.68	0.60	0.61	0.74	1,869	140	122	b
12/17/2013	0.95	1.04	0.75	0.68	0.60	0.61	0.71	1,803	141	122	b
12/18/2013	0.98	1.06	0.76	0.68	0.59	0.64	0.75	2,056	140	122	b
12/19/2013	0.99	1.06	0.79	0.69	0.61	0.66	0.76	2,068	141	121	b
12/20/2013	1.03	1.05	0.82	0.70	0.61	0.66	0.77	1,879	144	128	b
12/21/2013	1.08	1.06	0.81	0.71	0.62	0.68	0.77	1,807	148	122	b
12/22/2013	1.09	1.05	0.81	0.72	0.63	0.69	0.78	1,684	150	128	b
12/23/2013	1.08	1.06	0.80	0.73	0.64	0.70	0.77	1,580	152	128	b
12/24/2013	1.08	1.07	0.80	0.73	0.64	0.70	0.78	1,579	152	123	b
12/25/2013	1.08	1.08	0.81	0.73	0.64	0.73	0.80	1,605	154	138	b
12/26/2013	1.08	1.10	0.82	0.74	0.66	0.69	0.83	1,747	154	125	b
12/27/2013	1.09	1.11	0.84	0.74	0.66	0.68	0.79	1,888	156	135	b
12/28/2013	1.10	1.14	0.85	0.75	0.67	0.68	0.79	2,154	158	122	b
12/29/2013	1.13	1.17	0.85	0.76	0.67	0.69	0.78	2,213	160	138	b
12/30/2013	1.17	1.19	0.86	0.76	0.67	0.69	0.80	2,290	160	130	b
12/31/2013	1.21	1.23	0.87	0.76	0.67	0.70	0.80	2,363	161	128	b
01/01/2014	1.24	1.26	0.86	0.76	0.67	0.70	0.81	2,336	160	138	b
01/02/2014	1.27	1.26	0.88	0.76	0.68	0.74	0.82	2,225	161	130	b
01/03/2014	1.30	1.29	0.89	0.77	0.68	0.70	0.81	2,218	163	135	b
01/04/2014	1.32	1.29	0.91	0.78	0.68	0.72	0.80	2,204	166	127	b
01/05/2014	1.33	1.28	0.92	0.78	0.68	0.74	0.81	2,035	167	129	b
01/06/2014	1.33	1.27	0.92	0.79	0.68	0.77	0.85	1,855	168	129	b
01/07/2014	1.33	1.28	0.95	0.79	0.68	0.76	0.87	1,805	169	134	b
01/08/2014	1.34	1.29	0.97	0.81	0.68	0.77	0.85	1,795	174	134	b
01/09/2014	1.34	1.30	0.97	0.82	0.67	0.77	0.87	1,784	176	133	b
01/10/2014	1.33	1.32	0.98	0.82	0.68	0.76	0.87	1,721	178	134	b
01/11/2014	1.31	1.34	1.00	0.84	0.69	0.76	0.88	1,817	181	134 e	b
01/12/2014	1.30	1.35	1.02	0.84	0.68	0.74	0.84	1,768	183	134 e	b

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:

(Note: below label begins on October 1, 2013)

c = excess Delta conditions

b = balanced Delta conditions

r = excess Delta conditions with restrictions:

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
12/14/2013	0.86	0.78	0.92	0.83	1.07	0.96	0.91	0.83
12/15/2013	0.87	0.79	0.92	0.83	1.08	0.96	0.90	0.83
12/16/2013	0.87	0.79	0.92	0.84	1.07	0.96	0.90	0.83
12/17/2013	0.86	0.79	0.92	0.84	1.08	0.97	0.91	0.84
12/18/2013	0.86	0.80	0.92	0.85	1.07	0.97	0.91	0.84
12/19/2013	0.87	0.81	0.92	0.85	1.05	0.98	0.91	0.85
12/20/2013	0.87	0.81	0.92	0.85	1.05	0.98	0.90	0.85
12/21/2013	0.86	0.82	0.92	0.86	1.05	0.99	0.91	0.86
12/22/2013	0.85	0.82	0.92	0.86	1.06	0.99	0.91	0.86
12/23/2013	0.87	0.83	0.93	0.87	1.07	1.00	0.91	0.87
12/24/2013	0.88	0.83	0.93	0.88	1.09	1.00	0.90	0.88
12/25/2013	0.91	0.84	0.92	0.88	1.10	1.01	0.92	0.88
12/26/2013	0.92	0.84	0.92	0.89	1.10	1.02	0.93	0.88
12/27/2013	0.95	0.85	0.93	0.89	1.11	1.03	0.95	0.89
12/28/2013	0.92	0.86	0.93	0.90	1.13	1.03	0.96	0.89
12/29/2013	0.91	0.86	0.94	0.90	1.15	1.04	0.97	0.90
12/30/2013	0.92	0.86	0.95	0.90	1.15	1.05	0.94	0.90
12/31/2013	0.93	0.87	0.96	0.91	1.14	1.05	0.93	0.90
01/01/2014	0.94	0.87	0.96	0.91	1.14	1.06	0.91	0.90
01/02/2014	0.96	0.87	0.96	0.92	1.14	1.07	0.94	0.91
01/03/2014	0.98	0.88	0.96	0.92	1.13	1.07	0.96	0.91
01/04/2014	0.97	0.88	0.96	0.92	1.12	1.08	0.97	0.91
01/05/2014	0.98	0.89	0.97	0.92	1.12	1.08	0.99	0.92
01/06/2014	0.97	0.90	0.98	0.93	1.13	1.09	0.99	0.92
01/07/2014	1.02	0.90	0.99	0.93	1.16	1.09	1.00	0.93
01/08/2014	1.02	0.91	1.00	0.93	1.18	1.10	1.01	0.93
01/09/2014	1.02	0.91	1.01	0.94	1.19	1.10	1.02	0.94
01/10/2014	1.03	0.92	1.02	0.94	1.23	1.11	1.05	0.94
01/11/2014	1.04	0.93	1.03	0.95	1.24	1.12	1.05	0.94
01/12/2014	1.05	0.93	1.03	0.95	1.25	1.12	1.06	0.95

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e : estimated value

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
03/27/2013	0.98	0.80	0.94	0.78	1.11	0.91	0.97	0.74
03/28/2013	1.02	0.81	0.94	0.79	1.14	0.92	0.96	0.75
03/29/2013	0.96	0.82	0.93	0.80	1.20	0.93	0.96	0.76
03/30/2013	0.91	0.83	0.90	0.81	1.30	0.95	1.02	0.78
03/31/2013	0.87	0.84	0.89	0.82	1.30	0.97	0.99	0.79
04/01/2013	0.81	0.85	0.93	0.83	1.21	0.98	0.94	0.80
04/02/2013	0.78	0.85	0.94	0.84	1.21	0.99	0.89	0.80
04/03/2013	0.79	0.85	0.89	0.84	1.14	1.01	0.81	0.81
04/04/2013	0.85	0.86	0.84	0.85	1.11	1.02	0.82	0.81
04/05/2013	0.82	0.86	0.83	0.85	1.09	1.02	0.88	0.82
04/06/2013	0.83	0.87	0.87	0.86	1.05	1.03	0.89	0.82
04/07/2013	0.82	0.87	0.88	0.86	1.02	1.04	0.89	0.83
04/08/2013	0.82	0.87	0.88	0.87	1.04	1.05	0.90	0.84
04/09/2013	0.83	0.88	0.89	0.87	1.02	1.06	0.90	0.84
04/10/2013	0.83	0.88	0.90	0.88	1.06	1.06	0.93	0.85
04/11/2013	0.81	0.88	0.91	0.88	1.13	1.07	0.94	0.86
04/12/2013	0.76	0.88	0.93	0.89	1.16	1.08	0.95	0.87
04/13/2013	0.75	0.87	0.94	0.89	1.15	1.09	0.94	0.88
04/14/2013	0.73	0.87	0.94	0.90	1.16	1.09	0.88	0.89
04/15/2013	0.67	0.86	0.92	0.90	1.13	1.10	0.87	0.90
04/16/2013	0.62	0.85	0.88	0.90	1.07	1.10	0.79	0.90
04/17/2013	0.48	0.84	0.84	0.90	1.02	1.10	0.76	0.90
04/18/2013	0.43	0.83	0.76	0.90	1.02	1.11	0.63	0.90
04/19/2013	0.35	0.81	0.65	0.89	1.04	1.11	0.55	0.89
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

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Thursday, January 23, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	65 %	20 %
NDOI, monthly average *	>= 4,500 cfs	5,063 cfs
NDOI, 7 day average*	>= 3,500 cfs	4,492 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	23 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	138 mg/l

Maximum 30 day running average of mean daily EC at:

Vernalis	<=1.0 mS/cm	1.0 mS/cm
Brandt Bridge	<=1.0 mS/cm	1.0 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.2 mS/cm
Old River Near Middle River	<=1.0 mS/cm	1.0 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
 Flashboard Status : In
 Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Jan 1, 2014)

Previous Month's Index (8RI for Dec): 0.380 MAF
 Water Year Type: Critical
 Sacramento valley water year type index (40/30/30) @ 50%: 4.5 MAF (Critical)
 San Joaquin valley water year type index (60/20/20) @ 75%: 1.2 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

* 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
12/25/2013	5.09	3.34	4,814	25.54	14.90	17.13	12.28	12.04		7.00	8.54
12/26/2013	5.38	3.44	4,835	26.33	15.17	16.97	12.73	12.53		7.58	8.55
12/27/2013	5.57	3.58	4,614	27.43	15.92	16.81	13.58	13.45		8.62	8.56
12/28/2013	5.99	3.84	4,983	28.89	17.10	16.74	14.86	14.87		9.78	8.66
12/29/2013	6.16	3.91	4,895	29.42	17.06	16.88	15.20	15.25	13.49	10.16	8.77
12/30/2013	6.31	3.95	5,088	29.55	17.19	16.83	15.64	15.73	13.66	10.77	8.92
12/31/2013	6.44	4.00	5,337	29.66	17.12	16.53	15.63	15.72	13.80	11.24	9.08
01/01/2014	6.46	4.03	5,591	29.47	17.62	16.57	15.82	15.93	13.88	11.36	9.16
01/02/2014	6.29	3.97	5,645	28.94	17.53	16.47	15.52	15.60	13.92	10.99	9.15
01/03/2014	6.21	4.04	5,818	29.15	17.37	16.42	15.56	15.64	14.03	10.99	9.26
01/04/2014	5.95	4.08	5,633	28.69	16.98	16.40	15.52	15.59	14.20	10.94	9.43
01/05/2014	5.43	3.88	5,862	27.87	16.39	16.41	14.73	14.72	14.34	10.08	9.59
01/06/2014	5.34	3.68	6,022	26.82	14.97	16.43	13.90	13.81	14.49	9.33	9.72
01/07/2014	5.49	3.64	5,835	26.58	14.83	16.44	13.82	13.72	14.61	9.30	9.87
01/08/2014	5.64	3.63	5,411	26.20	13.93	16.37	13.82	13.50	14.72	9.42	10.04
01/09/2014	5.67	3.57	5,616	26.07	12.93	16.21	13.49	13.36	14.78	9.18	10.16
01/10/2014	5.58	3.49	5,110	26.46	12.25	15.95	13.17	13.01	14.75	8.45	10.14
01/11/2014	5.74	3.61	4,909	26.74	11.58	15.55	13.61	13.49	14.65	8.94	10.08
01/12/2014	5.67	3.64	4,292	26.57	10.88	15.11	13.41	13.28	14.51	9.58	10.04
01/13/2014	5.45	3.41	5,222	26.50	10.94	14.66	12.64	12.43	14.27	8.52	9.88
01/14/2014	5.53	4.09	4,702	27.86	10.34	14.18	13.37	13.23	14.09	8.59	9.69
01/15/2014	5.49	3.53	4,548	27.09	17.85	14.20	13.19	13.03	13.89	8.93	9.52
01/16/2014	5.61	4.16	4,799	28.74	23.64	14.63	14.23	14.17	13.78	9.47	9.41
01/17/2014	5.53	3.73	4,596	27.90	25.46	15.21	14.24	14.18	13.68	9.63	9.31
01/18/2014	5.54	3.78	4,584	27.86	26.22	15.87	14.47	14.44	13.60	10.07	9.25
01/19/2014	5.30	3.74	4,357	27.69	26.65	16.60	14.63	14.61	13.59	10.04	9.25
01/20/2014	5.05	3.68	4,468	27.86	26.94	17.46	14.55	14.52	13.64	9.79	9.28
01/21/2014	4.93	3.55	4,675	27.20	26.43	18.29	14.08	14.01	13.66	9.44	9.28
01/22/2014	5.10	3.54	4,539	27.46	26.97	19.22	14.39	14.35	13.72	9.52	9.30
01/23/2014	5.47	3.64	4,226	28.31	27.75	20.28	14.89	14.90	13.83	9.72	9.34

Antioch Tides measured in feet above mean sea level.
 Net Delta Outflow Index calculated from equation as specified in D-1641, 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	Volantl Slough	Beldon Landing	Collinsville	
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC	
12/25/2013	5.26		NC	1.53	1.69	2.03	2.43	0.77	17.90	11.42	12.67	11.92	9.08
12/26/2013	5.71		NC	1.61	1.70	2.42	2.47	0.82	17.81	11.52	12.82	11.84	10.24
12/27/2013	6.15		NC	1.82	1.72	2.66	2.50	0.81	17.68	11.49	12.66	11.03	12.00
12/28/2013	6.98		NC	2.17	1.77	3.17	2.56	0.77	17.72	e	12.80	10.27	12.67
12/29/2013	7.17	6.06		2.33	1.83	3.60	2.65	0.74	17.93	11.60	12.72	10.24	13.63
12/30/2013	7.41	6.15		2.38	1.88	3.99	2.75	0.73	18.03	11.55	12.76	10.52	13.49
12/31/2013	7.64	6.26		2.55	1.94	4.25	2.85	0.70	18.35	11.58	13.66	11.66	13.87
01/01/2014	7.56	6.32		2.58	1.98	4.27	2.92	0.73	18.42	11.60	14.11	12.10	13.67
01/02/2014	7.20	6.35		2.39	2.00	4.00	3.00	0.70	18.22	11.47	13.58	12.23	12.85
01/03/2014	7.18	6.43		2.35	2.02	3.97	3.10	0.70	NR	11.41	13.75	12.26	13.09
01/04/2014	7.14	6.52		2.30	2.06	3.86	3.19	0.72	NR	11.35	13.25	11.92	13.08
01/05/2014	6.61	6.60		2.06	2.08	3.42	3.27	0.78	NR	11.18	12.66	11.42	12.03
01/06/2014	6.05	6.66		1.92	2.11	2.88	3.33	0.77	NR	11.04	12.14	11.24	11.05
01/07/2014	5.89	6.71		1.89	2.13	2.98	3.39	0.77	NR	11.25	11.98	11.03	11.42
01/08/2014	5.86	6.75		1.88	2.16	2.79	3.45	0.84	NR	11.58	11.86	10.77	11.38
01/09/2014	5.82	6.76		1.86	2.18	2.84	3.48	0.82	18.40	11.62	11.67	10.41	11.04
01/10/2014	5.62	6.72		1.80	2.17	2.52	3.47	0.76	18.90	11.41	11.61	10.29	10.52
01/11/2014	5.93	6.65		1.93	2.16	2.94	3.45	0.77	e	11.60	11.58	10.34	11.51
01/12/2014	5.77	6.55		1.81	2.12	2.73	3.39	0.70	e	e	11.30	10.28	11.00
01/13/2014	5.35	6.40		1.72	2.07	2.60	3.29	0.66	e	11.31	10.11	10.17	10.03
01/14/2014	5.58	6.25		1.79	2.02	2.97	3.20	0.66	e	e	10.22	10.26	9.50
01/15/2014	5.84	6.13		1.79	1.96	3.03	3.11	0.67	e	e	e	e	10.19
01/16/2014	6.32	6.07		1.92	1.93	3.51	3.07	0.65	16.28	11.23	12.01	10.51	10.67
01/17/2014	6.38	6.01		1.98	1.90	3.56	3.04	0.69	16.10	11.17	12.69	10.17	10.70
01/18/2014	6.51	5.96		2.02	1.88	3.68	3.03	0.70	16.04	11.12	12.00	9.84	11.38
01/19/2014	6.60	5.96		2.01	1.88	3.52	3.04	0.66	15.88	11.06	11.81	10.27	11.64
01/20/2014	6.56	6.00		1.95	1.88	3.63	3.09	0.74	15.94	11.01	11.70	10.34	11.08
01/21/2014	6.31	6.03		1.84	1.88	3.34	3.12	0.74	16.03	11.09	11.68	10.58	11.21
01/22/2014	6.50	6.08		1.92	1.88	3.51	3.17	0.70	16.01	11.25	12.02	10.87	12.13
01/23/2014	7.05	6.17		2.14	1.90	3.86	3.24	0.69	16.02	11.57	12.41	10.83	11.98

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 mdCI	Bacon Island mdCI	Contra Costa mdCI	Delta Status
12/25/2013	1.08	1.08	0.81	0.73	0.64	0.73	0.80	1,605	154	138	b
12/26/2013	1.08	1.10	0.82	0.74	0.66	0.69	0.83	1,747	154	125	b
12/27/2013	1.09	1.11	0.84	0.74	0.66	0.68	0.79	1,888	156	135	b
12/28/2013	1.10	1.14	0.85	0.75	0.67	0.68	0.79	2,154	158	122	b
12/29/2013	1.13	1.17	0.85	0.76	0.67	0.69	0.78	2,213	160	138	b
12/30/2013	1.17	1.19	0.86	0.76	0.67	0.69	0.80	2,290	160	130	b
12/31/2013	1.21	1.23	0.87	0.76	0.67	0.70	0.80	2,363	161	128	b
01/01/2014	1.24	1.26	0.86	0.76	0.67	0.70	0.81	2,336	160	138	b
01/02/2014	1.27	1.26	0.88	0.76	0.68	0.74	0.82	2,225	161	130	b
01/03/2014	1.30	1.29	0.89	0.77	0.68	0.70	0.81	2,218	163	135	b
01/04/2014	1.32	1.29	0.91	0.78	0.68	0.72	0.80	2,204	166	127	b
01/05/2014	1.33	1.28	0.92	0.78	0.68	0.74	0.81	2,035	167	129	b
01/06/2014	1.33	1.27	0.92	0.79	0.68	0.77	0.85	1,855	168	129	b
01/07/2014	1.33	1.28	0.95	0.79	0.68	0.76	0.87	1,805	169	134	b
01/08/2014	1.34	1.29	0.97	0.81	0.68	0.77	0.85	1,795	174	134	b
01/09/2014	1.34	1.30	0.97	0.82	0.67	0.77	0.87	1,784	176	133	b
01/10/2014	1.33	1.32	0.98	0.82	0.68	0.76	0.87	1,721	178	134	b
01/11/2014	1.31	1.34	1.00	0.84	0.69	0.76	0.88	1,817	181	134 e	b
01/12/2014	1.30	1.35	1.02	0.84	0.68	0.74	0.84	1,768	183	134 e	b
01/13/2014	1.25	1.33	1.02	0.85	0.69	0.76	0.85	1,632	185	135	b
01/14/2014	1.22	1.33	1.03	0.86	0.69	0.76	0.86	1,706	187	134	b
01/15/2014	1.20	1.32	1.02	0.88	0.70	0.76	0.81	1,790	192	133	b
01/16/2014	1.18	1.31	1.01	0.89	0.70	0.77	0.81	1,942	194	133	b
01/17/2014	1.18	1.30	1.01	0.89	0.70	0.80	0.81	1,963	196	133	b
01/18/2014	1.20	1.30	1.01	0.90	0.70	0.82	0.81	2,005	197	133 e	b
01/19/2014	1.22	1.29	1.00	0.90	0.71	0.82	0.81	2,033	196	133 e	b
01/20/2014	1.24	1.29	1.01	0.90	0.71	0.87	0.81	2,021	197	133 e	b
01/21/2014	1.26	1.28	1.01	0.89	0.71	0.88	0.82	1,941	196	140	b
01/22/2014	1.27	1.29	1.01	0.90	0.71	0.88	0.83	2,000	197	138	b
01/23/2014	1.27	1.37	1.01	0.90	0.72	0.87	0.83	2,174	199	138	b

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 mdCI are calculated from the respective mdEC values.

Coordinated Operation Agreement Delta Status:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
12/25/2013	0.91	0.84	0.92	0.88	1.10	1.01	0.92	0.88
12/26/2013	0.92	0.84	0.92	0.89	1.10	1.02	0.93	0.88
12/27/2013	0.96	0.85	0.93	0.89	1.11	1.03	0.95	0.89
12/28/2013	0.92	0.86	0.93	0.90	1.13	1.03	0.96	0.89
12/29/2013	0.91	0.86	0.94	0.90	1.15	1.04	0.97	0.90
12/30/2013	0.92	0.86	0.95	0.90	1.15	1.05	0.94	0.90
12/31/2013	0.93	0.87	0.96	0.91	1.14	1.05	0.93	0.90
01/01/2014	0.94	0.87	0.96	0.91	1.14	1.06	0.91	0.90
01/02/2014	0.96	0.87	0.96	0.92	1.14	1.07	0.94	0.91
01/03/2014	0.98	0.88	0.96	0.92	1.13	1.07	0.96	0.91
01/04/2014	0.97	0.88	0.96	0.92	1.12	1.08	0.97	0.91
01/05/2014	0.98	0.89	0.97	0.92	1.12	1.08	0.99	0.92
01/06/2014	0.97	0.90	0.98	0.93	1.13	1.09	0.99	0.92
01/07/2014	1.02	0.90	0.99	0.93	1.16	1.09	1.00	0.93
01/08/2014	1.02	0.91	1.00	0.93	1.18	1.10	1.01	0.93
01/09/2014	1.02	0.91	1.01	0.94	1.19	1.10	1.02	0.94
01/10/2014	1.03	0.92	1.02	0.94	1.23	1.11	1.05	0.94
01/11/2014	1.04	0.93	1.03	0.95	1.24	1.12	1.05	0.94
01/12/2014	1.05	0.93	1.03	0.95	1.25	1.12	1.06	0.95
01/13/2014	1.05	0.94	1.04	0.95	1.26	1.13	1.07	0.96
01/14/2014	1.02	0.94	1.07	0.96	1.27	1.13	1.09	0.96
01/15/2014	1.04	0.95	1.07	0.96	1.31	1.14	1.08	0.97
01/16/2014	1.04	0.96	1.07	0.97	1.34	1.15	1.09	0.97
01/17/2014	0.95	0.96	1.08	0.98	1.37	1.16	1.08	0.98
01/18/2014	0.92	0.96	1.08	0.98	1.38	1.17	1.10	0.99
01/19/2014	0.95	0.96	1.09	0.99	1.35	1.18	1.07	0.99
01/20/2014	1.00	0.97	1.10	0.99	1.34	1.19	0.99	0.99
01/21/2014	0.99	0.97	1.10	1.00	1.36	1.20	0.97	1.00
01/22/2014	1.01	0.98	1.09	1.00	1.39	1.21	0.99	1.00
01/23/2014	0.98	0.98	1.07	1.01	1.41	1.22	1.01	1.00

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Monday, February 03, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	45 %	7 %
NDOI, 3 day average*	>= 3,000 cfs	7,539 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l Export Areas for SWP, CVP, CCWD, et al	155 days <= 250 mg/l Cl	34 days 140 mg/l
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Maximum 30 day running average of mean daily EC at:

Vernalis	<=1.0 mS/cm	1.0 mS/cm
Brandt Bridge	<=1.0 mS/cm	1.0 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.3 mS/cm
Old River Near Middle River	<=1.0 mS/cm	1.0 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status : In
Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Jan 1, 2014)

Previous Month's Index (8RI for Dec): 0.380 MAF
 Water Year Type: Critical
 Sacramento valley water year type index (40/30/30) @ 50%: 4.5 MAF (Critical)
 San Joaquin valley water year type index (60/20/20) @ 75%: 1.2 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

* 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
01/05/2014	5.43	3.88	5,862	27.87	16.39	16.41	14.73	14.72	14.34	10.08	9.59
01/06/2014	5.34	3.68	6,022	26.82	14.97	16.43	13.90	13.81	14.49	9.33	9.72
01/07/2014	5.49	3.64	5,835	26.58	14.83	16.44	13.82	13.72	14.61	9.30	9.87
01/08/2014	5.64	3.63	5,411	26.20	13.93	16.37	13.62	13.50	14.72	9.42	10.04
01/09/2014	5.67	3.57	5,616	26.07	12.93	16.21	13.49	13.36	14.78	9.18	10.16
01/10/2014	5.58	3.49	5,110	26.46	12.25	15.95	13.17	13.01	14.75	8.45	10.14
01/11/2014	5.74	3.61	4,909	26.74	11.58	15.55	13.61	13.49	14.65	8.94	10.08
01/12/2014	5.67	3.64	4,292	26.57	10.88	15.11	13.41	13.28	14.51	9.58	10.04
01/13/2014	5.45	3.41	5,222	26.50	10.94	14.66	12.64	12.43	14.27	8.52	9.88
01/14/2014	5.53	4.09	4,702	27.86	10.34	14.18	13.37	13.23	14.09	8.59	9.69
01/15/2014	5.49	3.53	4,548	27.09	17.85	14.20	13.19	13.03	13.89	8.93	9.52
01/16/2014	5.61	4.16	4,799	28.74	23.64	14.63	14.23	14.17	13.78	9.47	9.41
01/17/2014	5.53	3.73	4,596	27.90	25.46	15.21	14.24	14.18	13.68	9.63	9.31
01/18/2014	5.54	3.78	4,584	27.86	26.22	15.87	14.47	14.44	13.60	10.07	9.25
01/19/2014	5.30	3.74	4,357	27.69	26.65	16.60	14.63	14.61	13.59	10.04	9.25
01/20/2014	5.05	3.68	4,468	27.86	26.94	17.46	14.55	14.52	13.64	9.79	9.28
01/21/2014	4.93	3.55	4,675	27.20	26.43	18.29	14.08	14.01	13.66	9.44	9.29
01/22/2014	5.10	3.54	4,539	27.46	26.97	19.22	14.39	14.35	13.72	9.52	9.30
01/23/2014	5.47	3.64	4,226	28.31	27.75	20.28	14.89	14.90	13.83	9.72	9.34
01/24/2014	5.70	3.70	4,391	27.80	28.78	21.46	15.00	15.02	13.97	9.91	9.44
01/25/2014	5.78	3.74	4,379	28.51	29.36	22.73	15.30	15.35	14.11	10.82	9.57
01/26/2014	6.10	3.97	4,587	29.71	30.55	24.13	16.19	16.34	14.33	11.51	9.71
01/27/2014	6.32	4.07	4,786	29.50	31.44	25.60	17.13	17.40	14.68	12.92	10.03
01/28/2014	6.29	3.99	5,235	29.76	31.08	27.08	16.54	16.73	14.93	12.58	10.31
01/29/2014	6.32	3.88	5,404	29.65	31.17	28.03	16.56	16.76	15.20	12.52	10.57
01/30/2014	6.45	4.11	5,454	29.71	31.81	28.61	16.87	17.10	15.41	12.76	10.80
01/31/2014	6.19	4.03	6,294	29.31	31.42	29.04	16.52	16.71	15.59	12.25	10.99
02/01/2014	5.73	3.80	7,137	28.28	30.15	29.32	16.60	16.68	15.68	11.27	11.07
02/02/2014	5.56	3.80	7,276	28.44	29.96	29.56	16.21	16.25	15.72	10.66	11.12
02/03/2014	5.47	3.87	8,204	27.77	29.45	29.74	14.95	14.97	15.75	10.63	11.18

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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	
01/05/2014	6.61	6.60	2.06	2.08	3.42	3.27	0.78		NR	11.18	12.66	11.42	12.03
01/06/2014	6.05	6.66	1.92	2.11	2.88	3.33	0.77		NR	11.04	12.14	11.24	11.05
01/07/2014	5.89	6.71	1.89	2.13	2.98	3.39	0.77		NR	11.25	11.98	11.03	11.42
01/08/2014	5.86	6.75	1.88	2.16	2.79	3.45	0.84		NR	11.58	11.86	10.77	11.38
01/09/2014	5.82	6.76	1.86	2.18	2.84	3.48	0.82	18.40	11.62	11.67	10.41	11.04	
01/10/2014	5.62	6.72	1.80	2.17	2.52	3.47	0.76	18.90	11.41	11.61	10.29	10.52	
01/11/2014	5.93	6.65	1.93	2.16	2.94	3.45	0.77	e	11.60	11.58	10.34	11.51	
01/12/2014	5.77	6.55	1.81	2.12	2.73	3.39	0.70	e	e	11.30	10.28	11.00	
01/13/2014	5.35	6.40	1.72	2.07	2.60	3.29	0.66	e	11.31	10.11	10.17	10.03	
01/14/2014	5.58	6.25	1.79	2.02	2.97	3.20	0.66	e	e	10.22	10.26	9.50	
01/15/2014	5.84	6.13	1.79	1.96	3.03	3.11	0.67	e	e	e	e	10.19	
01/16/2014	6.32	6.07	1.92	1.93	3.51	3.07	0.65	16.28	11.23	12.01	10.51	10.67	
01/17/2014	6.38	6.01	1.98	1.90	3.56	3.04	0.69	16.10	11.17	12.69	10.17	10.70	
01/18/2014	6.51	5.96	2.02	1.88	3.68	3.03	0.70	16.04	11.12	12.00	9.84	11.38	
01/19/2014	6.60	5.96	2.01	1.88	3.52	3.04	0.66	15.88	11.08	11.81	10.27	11.64	
01/20/2014	6.56	6.00	1.95	1.88	3.63	3.09	0.74	15.94	11.01	11.70	10.34	11.08	
01/21/2014	6.31	6.03	1.84	1.88	3.34	3.12	0.74	16.03	11.09	11.68	10.58	11.21	
01/22/2014	6.50	6.08	1.92	1.88	3.51	3.17	0.70	16.01	11.25	12.02	10.87	12.13	
01/23/2014	7.05	6.17	2.14	1.90	3.86	3.24	0.69	16.02	11.57	12.41	10.83	11.98	
01/24/2014	7.48	6.30	2.40	1.94	4.08	3.35	0.67	16.16	11.72	12.60	10.87	13.23	
01/25/2014	7.66	6.42	2.58	1.99	4.12	3.44	0.66	16.39	11.83	12.60	10.83	13.77	
01/26/2014	8.24	6.60	3.00	2.07	4.80	3.59	0.63	16.67	12.17	12.80	11.09	13.97	
01/27/2014	8.57	6.83	3.29	2.19	5.54	3.80	0.60	17.00	12.17	12.88	11.63	15.14	
01/28/2014	8.27	7.02	3.14	2.28	5.39	3.97	0.55	17.13	12.04	12.93	12.03	14.48	
01/29/2014	8.04	7.18	2.99	2.37	5.31	4.13	0.56	17.28	11.85	12.50	12.66	13.98	
01/30/2014	8.23	7.31	3.00	2.45	5.41	4.27	0.57	17.19	11.60	13.53	13.04	14.59	
01/31/2014	7.80	7.42	2.73	2.50	4.98	4.37	0.58	17.08	11.58	14.27	13.01	14.42	
02/01/2014	6.89	7.44	2.34	2.52	4.27	4.41	0.58	17.15	11.38	13.36	12.61	13.37	
02/02/2014	6.68	7.45	2.23	2.54	4.28	4.47	0.57	17.01	11.17	13.45	12.53	12.15	
02/03/2014	6.37	7.43	2.05	2.55	4.09	4.50	0.55	16.82	11.09	13.06	12.11	12.36	

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
01/05/2014	1.33	1.28	0.92	0.78	0.68	0.74	0.81	2,035	167	129	b
01/06/2014	1.33	1.27	0.92	0.79	0.68	0.77	0.85	1,855	168	129	b
01/07/2014	1.33	1.28	0.95	0.79	0.68	0.76	0.87	1,805	169	134	b
01/08/2014	1.34	1.29	0.97	0.81	0.68	0.77	0.85	1,795	174	134	b
01/09/2014	1.34	1.30	0.97	0.82	0.67	0.77	0.87	1,784	176	133	b
01/10/2014	1.33	1.32	0.98	0.82	0.68	0.76	0.87	1,721	178	134	b
01/11/2014	1.31	1.34	1.00	0.84	0.69	0.76	0.88	1,817	181	134	b
01/12/2014	1.30	1.35	1.02	0.84	0.68	0.74	0.84	1,768	183	135	b
01/13/2014	1.25	1.33	1.02	0.85	0.69	0.76	0.85	1,632	185	135	b
01/14/2014	1.22	1.33	1.03	0.86	0.69	0.76	0.86	1,706	187	134	b
01/15/2014	1.20	1.32	1.02	0.88	0.70	0.76	0.81	1,790	192	133	b
01/16/2014	1.18	1.31	1.01	0.89	0.70	0.77	0.81	1,942	194	133	b
01/17/2014	1.18	1.30	1.01	0.89	0.70	0.80	0.81	1,963	196	133	b
01/18/2014	1.20	1.30	1.01	0.90	0.70	0.82	0.81	2,005	197	140	b
01/19/2014	1.22	1.29	1.00	0.90	0.71	0.82	0.81	2,033	196	140	b
01/20/2014	1.24	1.29	1.01	0.90	0.71	0.87	0.81	2,021	197	143	b
01/21/2014	1.26	1.28	1.01	0.89	0.71	0.88	0.82	1,941	196	140	b
01/22/2014	1.27	1.29	1.01	0.90	0.71	0.88	0.83	2,000	197	138	b
01/23/2014	1.27	1.37	1.01	0.90	0.72	0.87	0.83	2,174	199	138	b
01/24/2014	1.30	1.43	1.01	0.91	0.72	0.86	0.82	2,312	200	140	b
01/25/2014	1.30	1.45	1.02	0.91	0.72	0.89	0.82	2,370	200	138	b
01/26/2014	1.39	1.51	1.03	0.92	0.72	0.86	0.98	2,554	202	137	b
01/27/2014	1.45	1.59	1.05	0.92	0.72	0.89	1.02	2,660	203	137	b
01/28/2014	1.50	1.63	1.06	0.92	0.72	0.91	0.96	2,563	202	138	b
01/29/2014	1.53	1.66	1.07	0.91	0.72	0.97	1.09	2,490	201	137	b
01/30/2014	1.54	1.71	1.11	0.91	0.72	0.96	1.14	2,550	201	138	b
01/31/2014	1.53	1.73	1.13	0.92	0.72	0.98	1.13	2,415	204	140 ^e	b
02/01/2014	1.62	1.70	1.13	0.92	0.72	1.02	1.12	2,124	204	138	b
02/02/2014	1.61	1.70	1.12	0.93	0.72	0.99	1.16	2,059	205	140	b
02/03/2014	1.60	1.69	1.13	0.94	0.72	1.01	1.17	1,958	207	140	b

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 Chloride (Cl) units: milligrams per liter
 md : mean daily
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 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
01/05/2014	0.98	0.89	0.97	0.92	1.12	1.08	0.99	0.92
01/06/2014	0.97	0.90	0.98	0.93	1.13	1.09	0.99	0.92
01/07/2014	1.02	0.90	0.99	0.93	1.16	1.09	1.00	0.93
01/08/2014	1.02	0.91	1.00	0.93	1.18	1.10	1.01	0.93
01/09/2014	1.02	0.91	1.01	0.94	1.19	1.10	1.02	0.94
01/10/2014	1.03	0.92	1.02	0.94	1.23	1.11	1.05	0.94
01/11/2014	1.04	0.93	1.03	0.95	1.24	1.12	1.05	0.94
01/12/2014	1.05	0.93	1.03	0.95	1.25	1.12	1.06	0.95
01/13/2014	1.05	0.94	1.04	0.95	1.26	1.13	1.07	0.96
01/14/2014	1.02	0.94	1.07	0.96	1.27	1.13	1.09	0.96
01/15/2014	1.04	0.95	1.07	0.96	1.31	1.14	1.08	0.97
01/16/2014	1.04	0.96	1.07	0.97	1.34	1.15	1.09	0.97
01/17/2014	0.95	0.96	1.06	0.98	1.37	1.16	1.08	0.98
01/18/2014	0.92	0.96	1.06	0.98	1.38	1.17	1.10	0.99
01/19/2014	0.95	0.96	1.09	0.99	1.35	1.18	1.07	0.99
01/20/2014	1.00	0.97	1.10	0.99	1.34	1.19	0.99	0.99
01/21/2014	0.99	0.97	1.10	1.00	1.36	1.20	0.97	1.00
01/22/2014	1.01	0.98	1.09	1.00	1.39	1.21	0.99	1.00
01/23/2014	0.98	0.98	1.07	1.01	1.41	1.22	1.01	1.00
01/24/2014	0.97	0.98	1.06	1.01	1.41	1.23	1.02	1.01
01/25/2014	0.98	0.98	1.04	1.02	1.39	1.24	1.00	1.01
01/26/2014	0.96	0.98	1.04	1.02	1.37	1.25	0.96	1.01
01/27/2014	0.99	0.99	1.03	1.02	1.36	1.26	0.97	1.01
01/28/2014	0.94	0.99	1.02	1.03	1.34	1.26	0.97	1.01
01/29/2014	0.80	0.98	1.01	1.03	1.31	1.27	0.96	1.01
01/30/2014	0.87	0.98	0.99	1.03	1.29	1.28	0.90	1.01
01/31/2014	0.90	0.98	0.98	1.03	1.27	1.28	0.83	1.01
02/01/2014	0.88	0.98	0.93	1.03	1.23	1.28	0.82	1.00
02/02/2014	0.85	0.97	0.87	1.03	1.23	1.29	0.89	1.00
02/03/2014	0.83	0.97	0.88	1.02	1.20	1.29	0.87	1.00

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Monday, February 10, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	45 %	9 %
NDOI, 3 day average*	>= 3,000 cfs	11,531 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l Export Areas for SWP, CVP, CCWD, et al	155 days <= 250 mg/l Cl	41 days 140 mg/l
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=1.0 mS/cm	0.9 mS/cm
Brandt Bridge	<=1.0 mS/cm	1.0 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.3 mS/cm
Old River Near Middle River	<=1.0 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status : In
Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Jan 1, 2014)

Previous Month's Index (8RI for Dec): 0.380 MAF
Water Year Type: Critical
Sacramento valley water year type index (40/30/30) @ 50%: 4.5 MAF (Critical)
San Joaquin valley water year type index (60/20/20) @ 75%: 1.2 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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
b = balanced Delta conditions
r = excess Delta conditions with restrictions:

* 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
01/12/2014	5.67	3.64	4,292	26.57	10.88	15.11	13.41	13.28	14.51	9.58	10.04
01/13/2014	5.45	3.41	5,222	26.50	10.94	14.66	12.64	12.43	14.27	8.52	9.88
01/14/2014	5.53	4.09	4,702	27.86	10.34	14.18	13.37	13.23	14.09	8.59	9.69
01/15/2014	5.49	3.53	4,548	27.09	17.85	14.20	13.19	13.03	13.89	8.93	9.52
01/16/2014	5.61	4.16	4,799	28.74	23.64	14.63	14.23	14.17	13.78	9.47	9.41
01/17/2014	5.53	3.73	4,596	27.90	25.46	15.21	14.24	14.18	13.68	9.63	9.31
01/18/2014	5.54	3.78	4,584	27.86	26.22	15.87	14.47	14.44	13.60	10.07	9.25
01/19/2014	5.30	3.74	4,357	27.69	26.65	16.60	14.63	14.61	13.59	10.04	9.25
01/20/2014	5.05	3.68	4,468	27.86	26.94	17.46	14.55	14.52	13.64	9.79	9.28
01/21/2014	4.93	3.55	4,675	27.20	26.43	18.29	14.08	14.01	13.66	9.44	9.29
01/22/2014	5.10	3.54	4,539	27.46	26.97	19.22	14.39	14.35	13.72	9.52	9.30
01/23/2014	5.47	3.64	4,226	28.31	27.75	20.28	14.89	14.90	13.83	9.72	9.34
01/24/2014	5.70	3.70	4,391	27.80	28.78	21.46	15.00	15.02	13.97	9.91	9.44
01/25/2014	5.78	3.74	4,379	28.51	29.36	22.73	15.30	15.35	14.11	10.82	9.57
01/26/2014	6.10	3.97	4,587	29.71	30.55	24.13	16.19	16.34	14.33	11.51	9.71
01/27/2014	6.32	4.07	4,786	29.50	31.44	25.60	17.13	17.40	14.68	12.92	10.03
01/28/2014	6.29	3.99	5,235	29.76	31.08	27.08	16.54	16.73	14.83	12.58	10.31
01/29/2014	6.32	3.98	5,404	29.65	31.17	28.03	16.56	16.76	15.20	12.52	10.57
01/30/2014	6.45	4.11	5,454	29.71	31.81	28.61	16.87	17.10	15.41	12.76	10.80
01/31/2014	6.19	4.03	6,294	29.31	31.42	29.04	16.52	16.71	15.59	12.25	10.99
02/01/2014	5.73	3.80	7,137	28.28	30.15	29.32	15.80	15.88	15.68	11.27	11.07
02/02/2014	5.56	3.80	7,276	28.44	29.96	29.56	15.21	15.25	15.72	10.66	11.12
02/03/2014	5.47	3.87	8,204	27.77	29.45	29.74	14.95	14.97	15.75	10.63	11.18
02/04/2014	5.41	3.64	7,897	26.93	28.59	29.89	13.99	13.90	15.75	9.90	11.21
02/05/2014	5.35	3.45	7,710	26.27	27.89	29.94	13.17	13.01	15.85	9.25	11.19
02/06/2014	5.47	3.56	7,767	26.46	27.23	29.91	12.86	12.67	15.49	8.60	11.11
02/07/2014	5.74	3.87	9,661	26.65	27.77	29.83	13.01	12.83	15.34	8.34	11.00
02/08/2014	6.08	4.27	10,421	27.06	29.06	29.81	13.50	13.36	15.19	8.26	10.82
02/09/2014	6.11	4.21	13,680	24.77	26.11	29.49	12.82	12.63	14.93	8.00	10.57
02/10/2014	5.82	4.02	23,584	23.04	23.92	28.86	10.80	10.45	14.43	6.61	10.12

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
01/12/2014	5.77	6.55	1.81	2.12	2.73	3.39	0.70	e	e	11.30	10.28	11.00
01/13/2014	5.35	6.40	1.72	2.07	2.60	3.29	0.66	e	11.31	10.11	10.17	10.03
01/14/2014	5.58	6.25	1.79	2.02	2.97	3.20	0.66	e	e	10.22	10.26	9.50
01/15/2014	5.84	6.13	1.79	1.96	3.03	3.11	0.67	e	e	e	e	10.19
01/16/2014	6.32	6.07	1.92	1.93	3.51	3.07	0.65	16.28	11.23	12.01	10.51	10.67
01/17/2014	6.38	6.01	1.98	1.90	3.56	3.04	0.69	16.10	11.17	12.69	10.17	10.70
01/18/2014	6.51	5.96	2.02	1.88	3.68	3.03	0.70	16.04	11.12	12.00	9.84	11.38
01/19/2014	6.60	5.96	2.01	1.88	3.52	3.04	0.66	15.88	11.06	11.81	10.27	11.64
01/20/2014	6.56	6.00	1.95	1.88	3.63	3.09	0.74	15.94	11.01	11.70	10.34	11.08
01/21/2014	6.31	6.03	1.84	1.88	3.34	3.12	0.74	16.03	11.09	11.68	10.58	11.21
01/22/2014	6.50	6.08	1.92	1.88	3.51	3.17	0.70	16.01	11.25	12.02	10.87	12.13
01/23/2014	7.05	6.17	2.14	1.90	3.86	3.24	0.69	16.02	11.57	12.41	10.83	11.98
01/24/2014	7.48	6.30	2.40	1.94	4.08	3.35	0.67	16.16	11.72	12.60	10.87	13.23
01/25/2014	7.66	6.42	2.58	1.99	4.12	3.44	0.66	16.39	11.83	12.60	10.83	13.77
01/26/2014	8.24	6.60	3.00	2.07	4.80	3.59	0.63	16.67	12.17	12.80	11.09	13.97
01/27/2014	8.57	6.83	3.29	2.19	5.54	3.80	0.60	17.00	12.17	12.88	11.63	15.14
01/28/2014	8.27	7.02	3.14	2.28	5.39	3.97	0.55	17.13	12.04	12.93	12.03	14.48
01/29/2014	8.04	7.18	2.99	2.37	5.31	4.13	0.56	17.28	11.85	12.50	12.66	13.98
01/30/2014	8.23	7.31	3.00	2.45	5.41	4.27	0.57	17.19	11.60	13.53	13.04	14.59
01/31/2014	7.80	7.42	2.73	2.50	4.98	4.37	0.58	17.08	11.58	14.27	13.01	14.42
02/01/2014	6.89	7.44	2.34	2.52	4.27	4.41	0.58	17.15	11.38	13.36	12.61	13.37
02/02/2014	6.68	7.45	2.23	2.54	4.28	4.47	0.57	17.01	11.17	13.45	12.53	12.15
02/03/2014	6.37	7.43	2.05	2.55	4.09	4.50	0.55	16.82	11.09	13.06	12.11	12.36
02/04/2014	5.60	7.38	1.77	2.54	2.99	4.47	0.58	16.78	11.01	12.66	11.42	11.62
02/05/2014	5.19	7.29	1.66	2.52	3.21	4.45	0.58	16.99	11.11	12.37	11.01	11.06
02/06/2014	5.07	7.15	1.53	2.48	3.11	4.40	0.58	16.76	11.04	12.25	11.00	10.01
02/07/2014	5.46	7.00	1.63	2.42	3.34	4.35	0.56	16.42	10.95	12.40	10.57	10.27
02/08/2014	6.19	6.90	1.81	2.37	3.65	4.31	0.40	15.69	10.04	11.36	9.81	9.75
02/09/2014	5.45	6.70	1.58	2.27	2.51	4.15	0.25	12.97	1.41	8.31	9.29	10.35
02/10/2014	4.13	6.38	1.23	2.12	1.35	3.85	0.30	11.32	0.87	6.80	9.18	8.63

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
01/12/2014	1.30	1.35	1.02	0.84	0.68	0.74	0.84	1,768	183	135	b
01/13/2014	1.25	1.33	1.02	0.85	0.69	0.76	0.85	1,632	185	135	b
01/14/2014	1.22	1.33	1.03	0.86	0.69	0.76	0.86	1,706	187	134	b
01/15/2014	1.20	1.32	1.02	0.88	0.70	0.76	0.81	1,790	192	133	b
01/16/2014	1.18	1.31	1.01	0.89	0.70	0.77	0.81	1,942	194	133	b
01/17/2014	1.18	1.30	1.01	0.89	0.70	0.80	0.81	1,963	196	133	b
01/18/2014	1.20	1.30	1.01	0.90	0.70	0.82	0.81	2,005	197	140	b
01/19/2014	1.22	1.29	1.00	0.90	0.71	0.82	0.81	2,033	196	140	b
01/20/2014	1.24	1.29	1.01	0.90	0.71	0.87	0.81	2,021	197	143	b
01/21/2014	1.26	1.28	1.01	0.89	0.71	0.88	0.82	1,941	196	140	b
01/22/2014	1.27	1.29	1.01	0.90	0.71	0.88	0.83	2,000	197	138	b
01/23/2014	1.27	1.37	1.01	0.90	0.72	0.87	0.83	2,174	199	138	b
01/24/2014	1.30	1.43	1.01	0.91	0.72	0.86	0.82	2,312	200	140	b
01/25/2014	1.30	1.45	1.02	0.91	0.72	0.89	0.82	2,370	200	138	b
01/26/2014	1.39	1.51	1.03	0.92	0.72	0.86	0.98	2,554	202	137	b
01/27/2014	1.45	1.59	1.05	0.92	0.72	0.89	1.02	2,660	203	137	b
01/28/2014	1.50	1.63	1.06	0.92	0.72	0.91	0.96	2,563	202	138	b
01/29/2014	1.53	1.66	1.07	0.91	0.72	0.97	1.09	2,490	201	137	b
01/30/2014	1.54	1.71	1.11	0.91	0.72	0.96	1.14	2,550	201	138	b
01/31/2014	1.53	1.73	1.13	0.92	0.72	0.98	1.13	2,415	204	140 e	b
02/01/2014	1.62	1.70	1.13	0.92	0.72	1.02	1.12	2,124	204	138	b
02/02/2014	1.61	1.70	1.12	0.93	0.72	0.99	1.16	2,059	205	140	b
02/03/2014	1.60	1.69	1.13	0.94	0.72	1.01	1.17	1,958	207	140	b
02/04/2014	1.55	1.65	1.12	0.94	0.72	1.00	1.17	1,714	207	140	b
02/05/2014	1.43	1.62	1.12	0.94	0.72	0.98	1.11	1,582	207	140	b
02/06/2014	1.39	1.59	1.10	0.95	0.72	1.00	1.06	1,544	210	143	b
02/07/2014	1.34	1.58	1.08	0.95	0.72	0.98	1.03	1,668	210	140	b
02/08/2014	1.24	1.56	1.05	0.95	0.71	0.96	1.04	1,803	210	140 e	b
02/09/2014	1.20	1.51	1.03	0.94	0.71	0.96	1.03	1,665	207	140 e	b
02/10/2014	1.23	1.44	1.01	0.93	0.71	0.95	0.99	1,246	204	140 e	b

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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
01/12/2014	1.05	0.93	1.03	0.95	1.25	1.12	1.06	0.95
01/13/2014	1.05	0.94	1.04	0.95	1.26	1.13	1.07	0.96
01/14/2014	1.02	0.94	1.07	0.96	1.27	1.13	1.09	0.96
01/15/2014	1.04	0.95	1.07	0.96	1.31	1.14	1.08	0.97
01/16/2014	1.04	0.96	1.07	0.97	1.34	1.15	1.09	0.97
01/17/2014	0.95	0.96	1.08	0.98	1.37	1.16	1.08	0.98
01/18/2014	0.92	0.96	1.08	0.98	1.38	1.17	1.10	0.99
01/19/2014	0.95	0.96	1.09	0.99	1.35	1.18	1.07	0.99
01/20/2014	1.00	0.97	1.10	0.99	1.34	1.19	0.99	0.99
01/21/2014	0.99	0.97	1.10	1.00	1.36	1.20	0.97	1.00
01/22/2014	1.01	0.98	1.09	1.00	1.39	1.21	0.99	1.00
01/23/2014	0.98	0.98	1.07	1.01	1.41	1.22	1.01	1.00
01/24/2014	0.97	0.98	1.06	1.01	1.41	1.23	1.02	1.01
01/25/2014	0.98	0.98	1.04	1.02	1.39	1.24	1.00	1.01
01/26/2014	0.96	0.98	1.04	1.02	1.37	1.25	0.96	1.01
01/27/2014	0.99	0.99	1.03	1.02	1.36	1.26	0.97	1.01
01/28/2014	0.94	0.99	1.02	1.03	1.34	1.26	0.97	1.01
01/29/2014	0.80	0.98	1.01	1.03	1.31	1.27	0.96	1.01
01/30/2014	0.87	0.98	0.99	1.03	1.29	1.28	0.90	1.01
01/31/2014	0.90	0.98	0.98	1.03	1.27	1.28	0.83	1.01
02/01/2014	0.88	0.98	0.93	1.03	1.23	1.28	0.82	1.00
02/02/2014	0.86	0.97	0.87	1.03	1.23	1.29	0.89	1.00
02/03/2014	0.83	0.97	0.88	1.02	1.20	1.29	0.87	1.00
02/04/2014	0.82	0.96	0.91	1.02	1.20	1.29	0.81	0.99
02/05/2014	0.81	0.96	0.91	1.02	1.21	1.29	0.73	0.98
02/06/2014	0.78	0.95	0.89	1.02	1.21	1.30	0.80	0.97
02/07/2014	0.83	0.94	0.88	1.01	1.21	1.30	0.79	0.97
02/08/2014	0.89	0.94	0.87	1.01	1.24	1.30	0.69	0.96
02/09/2014	0.92	0.94	0.85	1.00	1.25	1.30	0.68	0.94
02/10/2014	0.97	0.93	0.85	1.00	1.16	1.30	0.74	0.93

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Monday, February 24, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	45 %	20 %
NDOI, 3 day average*	>= 3,000 cfs	6,979 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	55 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	145 mg/l
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=1.0 mS/cm	0.9 mS/cm
Brandt Bridge	<=1.0 mS/cm	0.9 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.3 mS/cm
Old River Near Middle River	<=1.0 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
 Flashboard Status : In
 Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Feb 1, 2014)

Previous Month's Index (BRI for Dec): 0.370 MAF
 Water Year Type: Critical
 Sacramento valley water year type index (40/30/30) @ 50%: 3.7 MAF (Critical)
 San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

* 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	Chipps Island		Collinsville	
	High	Half			mdEC	14dm		mdEC	14dm	mdEC	14dm
01/26/2014	6.10	3.97	4,587	29.71	30.55	24.13	16.19	16.34	14.33	11.51	9.71
01/27/2014	6.32	4.07	4,786	29.50	31.44	25.60	17.13	17.40	14.68	12.92	10.03
01/28/2014	6.29	3.99	5,235	29.76	31.08	27.08	16.54	16.73	14.93	12.58	10.31
01/29/2014	6.32	3.98	5,404	29.65	31.17	28.03	16.56	16.76	15.20	12.52	10.57
01/30/2014	6.45	4.11	5,454	29.71	31.81	28.61	16.87	17.10	15.41	12.76	10.80
01/31/2014	6.19	4.03	6,294	29.31	31.42	29.04	16.52	16.71	15.59	12.25	10.99
02/01/2014	5.73	3.80	7,137	28.28	30.15	29.32	15.60	15.68	15.68	11.27	11.07
02/02/2014	5.56	3.80	7,276	28.44	29.96	29.56	15.21	15.25	15.72	10.66	11.12
02/03/2014	5.47	3.87	8,204	27.77	29.45	29.74	14.95	14.97	15.75	10.63	11.18
02/04/2014	5.41	3.64	7,897	26.93	28.59	29.89	13.99	13.90	15.75	9.90	11.21
02/05/2014	5.35	3.45	7,710	26.27	27.69	29.94	13.17	13.01	15.65	9.25	11.19
02/06/2014	5.47	3.56	7,767	26.46	27.23	29.91	12.86	12.67	15.49	8.60	11.11
02/07/2014	5.74	3.87	9,661	26.65	27.77	29.83	13.01	12.83	15.34	8.34	11.00
02/08/2014	6.08	4.27	10,421	27.06	29.06	29.81	13.50	13.36	15.19	8.26	10.82
02/09/2014	6.11	4.21	13,680	24.77	26.11	29.49	12.82	12.63	14.93	8.00	10.57
02/10/2014	5.82	4.02	23,584	23.04	23.92	28.96	10.80	10.45	14.43	6.61	10.12
02/11/2014	5.68	3.83	26,920	20.92	19.52	28.13	8.49	8.01	13.81	4.81	9.56
02/12/2014	5.64	3.76	26,589	18.99	18.72	27.24	6.87	6.34	13.07	3.44	8.91
02/13/2014	5.63	3.74	25,382	18.59	14.41	26.00	5.72	5.18	12.21	2.58	8.19
02/14/2014	5.47	3.68	18,528	18.23	12.66	24.66	5.05	4.51	11.34	2.23	7.47
02/15/2014	5.58	3.82	10,743	18.81	16.23	23.66	4.94	4.40	10.64	2.08	6.81
02/16/2014	5.22	3.65	8,098	17.72	15.74	22.65	4.84	4.30	9.75	1.96	6.19
02/17/2014	5.00	3.56	7,469	17.46	9.32	21.21	4.45	3.93	8.97	1.85	5.56
02/18/2014	4.94	3.50	7,074	17.30	14.72	20.22	4.27	3.75	8.24	1.79	4.99
02/19/2014	5.16	3.50	7,340	17.83	14.55	19.28	4.44	3.91	7.59	1.85	4.46
02/20/2014	5.04	3.39	7,273	17.71	14.17	18.35	4.12	3.61	6.94	1.55	3.95
02/21/2014	5.30	3.43	7,319	17.98	14.39	17.39	4.45	3.92	6.31	1.87	3.49
02/22/2014	5.63	3.69	6,610	19.01	16.82	16.50	5.24	4.70	5.69	2.50	3.08
02/23/2014	5.86	3.88	6,977	20.64	18.72	15.98	5.99	5.45	5.18	2.97	2.72
02/24/2014	5.88	3.90	6,258	21.34	19.54	15.66	6.05	5.51	4.82	2.92	2.46

Antioch Tides measured in feet above mean sea level.
 Net Delta Outflow Index calculated from equation as specified in D-1641, revised June 1995.
 Chipps 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
01/26/2014	8.24	6.60	3.00	2.07	4.80	3.59	0.63	16.67	12.17	12.80	11.09	13.97
01/27/2014	8.57	6.83	3.29	2.19	5.54	3.80	0.60	17.00	12.17	12.88	11.63	15.14
01/28/2014	8.27	7.02	3.14	2.28	5.39	3.97	0.55	17.13	12.04	12.93	12.03	14.48
01/29/2014	8.04	7.18	2.99	2.37	5.31	4.13	0.56	17.28	11.85	12.50	12.66	13.98
01/30/2014	8.23	7.31	3.00	2.45	5.41	4.27	0.57	17.19	11.60	13.53	13.04	14.59
01/31/2014	7.80	7.42	2.73	2.50	4.98	4.37	0.58	17.08	11.58	14.27	13.01	14.42
02/01/2014	6.89	7.44	2.34	2.52	4.27	4.41	0.58	17.15	11.38	13.38	12.61	13.37
02/02/2014	6.68	7.45	2.23	2.54	4.28	4.47	0.57	17.01	11.17	13.45	12.53	12.15
02/03/2014	6.37	7.43	2.05	2.55	4.09	4.50	0.55	16.82	11.09	13.06	12.11	12.36
02/04/2014	5.60	7.38	1.77	2.54	2.99	4.47	0.58	16.78	11.01	12.66	11.42	11.62
02/05/2014	5.19	7.29	1.66	2.52	3.21	4.45	0.58	16.99	11.11	12.37	11.01	11.06
02/06/2014	5.07	7.15	1.53	2.48	3.11	4.40	0.58	16.76	11.04	12.25	11.00	10.01
02/07/2014	5.46	7.00	1.63	2.42	3.34	4.35	0.56	16.42	10.95	12.40	10.57	10.27
02/08/2014	6.19	6.90	1.81	2.37	3.65	4.31	0.40	15.69	10.04	11.36	9.81	9.75
02/09/2014	5.45	6.70	1.58	2.27	2.51	4.15	0.25	12.97	1.41	8.31	9.29	10.35
02/10/2014	4.13	6.38	1.23	2.12	1.35	3.85	0.30	11.32	0.87	6.80	9.18	8.63
02/11/2014	2.93	6.00	1.05	1.97	0.55	3.50	0.42	11.68	3.31	6.98	9.30	6.53
02/12/2014	2.26	5.59	0.95	1.82	0.42	3.15	0.47	12.30	4.95	7.01	9.14	4.87
02/13/2014	1.80	5.13	0.87	1.67	0.35	2.79	0.54	12.08	5.63	7.51	7.78	3.53
02/14/2014	1.58	4.69	0.83	1.54	0.33	2.46	0.61	12.16	5.94	7.09	6.29	3.23
02/15/2014	1.49	4.30	0.82	1.43	0.36	2.18	0.70	12.01	5.76	6.40	5.15	2.53
02/16/2014	1.40	3.92	0.78	1.33	0.33	1.80	0.75	12.06	5.67	5.70	4.15	2.50
02/17/2014	1.32	3.56	0.74	1.23	0.32	1.63	0.74	13.57	5.58	4.94	3.49	2.21
02/18/2014	1.23	3.25	0.72	1.16	0.32	1.44	0.80	13.96	5.41	4.64	3.34	2.07
02/19/2014	1.21	2.97	0.69	1.09	0.32	1.23	0.86	13.86	5.23	4.52	3.12	2.26
02/20/2014	1.15	2.69	0.66	1.03	0.32	1.03	0.78	14.49	5.51	4.57	2.93	1.78
02/21/2014	1.18	2.38	0.67	0.96	0.34	0.82	0.59	13.77	5.06	4.35	2.91	2.30
02/22/2014	1.28	2.03	0.71	0.88	0.40	0.59	0.86	12.88	4.91	4.45	2.89	3.33
02/23/2014	1.42	1.74	0.72	0.82	0.47	0.44	0.76	11.54	4.66	4.49	2.92	4.01
02/24/2014	1.52	1.56	0.70	0.78	0.51	0.38	0.69	10.98	4.43	4.72	3.11	3.48

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
01/26/2014	1.39	1.51	1.03	0.92	0.72	0.86	0.98	2,554	202	137	b
01/27/2014	1.45	1.59	1.05	0.92	0.72	0.89	1.02	2,660	203	137	b
01/28/2014	1.50	1.63	1.06	0.92	0.72	0.91	0.96	2,563	202	138	b
01/29/2014	1.53	1.66	1.07	0.91	0.72	0.97	1.09	2,490	201	137	b
01/30/2014	1.54	1.71	1.11	0.91	0.72	0.96	1.14	2,550	201	138	b
01/31/2014	1.53	1.73	1.13	0.92	0.72	0.98	1.13	2,415	204	140 e	b
02/01/2014	1.62	1.70	1.13	0.92	0.72	1.02	1.12	2,124	204	138	b
02/02/2014	1.81	1.70	1.12	0.93	0.72	0.99	1.16	2,059	205	140	b
02/03/2014	1.60	1.69	1.13	0.94	0.72	1.01	1.17	1,958	207	140	b
02/04/2014	1.55	1.65	1.12	0.94	0.72	1.00	1.17	1,714	207	140	b
02/05/2014	1.43	1.62	1.12	0.94	0.72	0.98	1.11	1,582	207	140	b
02/06/2014	1.39	1.59	1.10	0.95	0.72	1.00	1.06	1,544	210	143	b
02/07/2014	1.34	1.58	1.08	0.95	0.72	0.98	1.03	1,668	210	140	b
02/08/2014	1.24	1.56	1.05	0.95	0.71	0.96	1.04	1,903	210	140 e	b
02/09/2014	1.20	1.51	1.03	0.94	0.71	0.96	1.03	1,665	207	140 e	b
02/10/2014	1.23	1.44	1.01	0.93	0.71	0.95	0.99	1,246	204	140 e	b
02/11/2014	1.15	1.40	1.00	0.92	0.71	0.91	0.93	864	204	135	b
02/12/2014	1.04	1.36	0.99	0.94	0.71	0.88	0.90	649	207	137	b
02/13/2014	0.97	1.32	0.97	0.93	0.71	0.89	0.88	504	207	140	b
02/14/2014	0.90	1.28	0.93	0.92	0.71	0.87	0.88	433	203	140	b
02/15/2014	0.84	1.25	0.90	0.90	0.71	0.88	0.89	405	198	140 e	b
02/16/2014	0.79	1.21	0.86	0.88	0.72	0.87	0.89	377	192	140 e	b
02/17/2014	0.77	1.17	0.83	0.85	0.72	0.90	0.89	350	184	140 e	b
02/18/2014	0.77	1.12	0.79	0.82	0.72	0.88	0.87	323	176	140	b
02/19/2014	0.75	1.07	0.77	0.79	0.72	0.86	0.85	316	168	138	b
02/20/2014	0.72	1.04	0.75	0.77	0.73	0.85	0.85	298	162	145	b
02/21/2014	0.69	1.00	0.74	0.75	0.73	0.83	0.85	305	157	142	b
02/22/2014	0.66	0.97	0.73	0.73	0.74	0.83	0.83	336	153	142 e	b
02/23/2014	0.65	0.93	0.72	0.72	0.75	0.81	0.81	383	149	142 e	b
02/24/2014	0.64	0.91	0.71	0.71	0.76	0.81	0.85	414	149	145	b

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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
01/26/2014	0.96	0.98	1.04	1.02	1.37	1.25	0.96	1.01
01/27/2014	0.99	0.99	1.03	1.02	1.36	1.26	0.97	1.01
01/28/2014	0.94	0.99	1.02	1.03	1.34	1.26	0.97	1.01
01/29/2014	0.80	0.98	1.01	1.03	1.31	1.27	0.96	1.01
01/30/2014	0.87	0.98	0.99	1.03	1.29	1.28	0.90	1.01
01/31/2014	0.90	0.98	0.98	1.03	1.27	1.28	0.83	1.01
02/01/2014	0.88	0.98	0.93	1.03	1.23	1.28	0.82	1.00
02/02/2014	0.86	0.97	0.87	1.03	1.23	1.29	0.89	1.00
02/03/2014	0.83	0.97	0.88	1.02	1.20	1.29	0.87	1.00
02/04/2014	0.82	0.96	0.91	1.02	1.20	1.29	0.81	0.99
02/05/2014	0.81	0.96	0.91	1.02	1.21	1.29	0.73	0.98
02/06/2014	0.78	0.95	0.89	1.02	1.21	1.30	0.80	0.97
02/07/2014	0.83	0.94	0.88	1.01	1.21	1.30	0.79	0.97
02/08/2014	0.89	0.94	0.87	1.01	1.24	1.30	0.69	0.96
02/09/2014	0.92	0.94	0.85	1.00	1.25	1.30	0.68	0.94
02/10/2014	0.97	0.93	0.85	1.00	1.16	1.30	0.74	0.93
02/11/2014	1.02	0.93	0.87	0.99	1.10	1.29	0.83	0.92
02/12/2014	1.01	0.93	0.89	0.99	1.09	1.29	0.77	0.91
02/13/2014	1.08	0.93	0.90	0.98	1.16	1.28	0.95	0.91
02/14/2014	1.07	0.93	0.91	0.97	1.19	1.28	1.04	0.91
02/15/2014	1.05	0.93	0.92	0.97	1.21	1.27	1.09	0.91
02/16/2014	1.05	0.94	0.92	0.96	1.22	1.27	1.08	0.91
02/17/2014	1.05	0.94	0.93	0.96	1.23	1.26	0.83	0.90
02/18/2014	1.03	0.94	0.94	0.95	1.28	1.26	0.81	0.89
02/19/2014	0.97	0.94	0.95	0.95	1.34	1.26	1.03	0.89
02/20/2014	0.94	0.94	0.96	0.94	1.35	1.26	1.08	0.90
02/21/2014	0.90	0.94	0.97	0.94	1.36	1.26	1.06	0.90
02/22/2014	0.82	0.93	0.99	0.94	1.40	1.26	1.04	0.90
02/23/2014	0.80	0.93	1.00	0.94	1.42	1.26	1.03	0.90
02/24/2014	0.79	0.92	1.01	0.93	1.43	1.26	1.02	0.90

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
 Tuesday, March 04, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	20 %
NDOI, 3 day average*	>= 11,400 cfs	22,302 cfs

Habitat Protection, X2 / Flow * 7 days as carryover from February	28 days at Chipps Island
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Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	56 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	173 mg/l
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=1.0 mS/cm	0.9 mS/cm
Brandt Bridge	<=1.0 mS/cm	0.9 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.2 mS/cm
Old River Near Middle River	<=1.0 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates :	0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status :	In
Boat Lock Status :	Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Feb 1, 2014)

Previous Month's Index (8RI for Jan): 0.370 MAF
 Water Year Type: Critical
 Sacramento valley water year type index (40/30/30) @ 50%: 3.7 MAF (Critical)
 San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

* 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
02/03/2014	5.47	3.87	8,204	27.77	29.45	29.74	14.95	14.97	15.75	10.63	11.18
02/04/2014	5.41	3.64	7,897	26.93	28.59	29.89	13.99	13.90	15.75	9.90	11.21
02/05/2014	5.35	3.45	7,710	26.27	27.69	29.94	13.17	13.01	15.65	9.25	11.19
02/06/2014	5.47	3.56	7,767	26.46	27.23	29.91	12.86	12.67	15.49	8.60	11.11
02/07/2014	5.74	3.87	9,661	26.65	27.77	29.83	13.01	12.83	15.34	8.34	11.00
02/08/2014	6.08	4.27	10,421	27.06	29.06	29.81	13.50	13.36	15.19	8.26	10.82
02/09/2014	6.11	4.21	13,680	24.77	26.11	29.49	12.82	12.63	14.93	8.00	10.57
02/10/2014	5.82	4.02	23,584	23.04	23.92	28.96	10.80	10.45	14.43	6.61	10.12
02/11/2014	5.68	3.83	26,920	20.92	19.52	28.13	8.49	8.01	13.81	4.81	9.56
02/12/2014	5.64	3.76	26,589	18.99	18.72	27.24	6.87	6.34	13.07	3.44	8.91
02/13/2014	5.63	3.74	25,382	18.59	14.41	26.00	5.72	5.18	12.21	2.58	8.19
02/14/2014	5.47	3.68	18,528	18.23	12.66	24.66	5.05	4.51	11.34	2.23	7.47
02/15/2014	5.58	3.82	10,743	18.81	16.23	23.66	4.94	4.40	10.54	2.08	6.81
02/16/2014	5.22	3.65	8,098	17.72	15.74	22.65	4.84	4.30	9.75	1.96	6.19
02/17/2014	5.00	3.56	7,469	17.46	9.32	21.21	4.45	3.93	8.97	1.85	5.56
02/18/2014	4.94	3.50	7,074	17.30	14.72	20.22	4.27	3.75	8.24	1.79	4.99
02/19/2014	5.16	3.50	7,340	17.83	14.55	19.28	4.44	3.91	7.59	1.85	4.46
02/20/2014	5.04	3.39	7,273	17.71	14.17	18.35	4.12	3.61	6.94	1.55	3.95
02/21/2014	5.30	3.43	7,319	17.96	14.39	17.39	4.45	3.92	6.31	1.87	3.49
02/22/2014	5.63	3.69	6,610	19.01	16.62	16.50	5.24	4.70	5.69	2.50	3.08
02/23/2014	5.86	3.88	6,977	20.64	18.72	15.98	5.99	5.45	5.18	2.97	2.72
02/24/2014	5.88	3.90	6,258	21.34	19.54	15.66	6.05	5.51	4.82	2.92	2.46
02/25/2014	6.14	4.06	5,868	21.93	20.85	15.76	7.17	6.64	4.72	3.83	2.39
02/26/2014	6.14	4.10	5,530	22.75	21.85	15.97	7.66	7.15	4.78	3.66	2.40
02/27/2014	6.38	4.35	7,737	23.28	23.12	16.59	8.69	8.22	5.00	4.45	2.54
02/28/2014	6.66	4.50	8,127	23.33	23.20	17.34	9.05	8.59	5.29	4.45	2.69
03/01/2014	6.31	4.50	17,041	22.42	22.80	17.81	8.58	8.10	5.56	3.86	2.82
03/02/2014	6.14	4.44	21,316	20.94	20.18	18.13	7.75	7.24	5.77	3.72	2.95
03/03/2014	5.90	4.14	25,935	18.87	17.59	18.72	5.76	5.22	5.86	2.49	2.99
03/04/2014	5.91	4.03	24,917	17.86	15.45	18.77	4.67	4.14	5.89	1.84	3.00

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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
02/03/2014	6.37	7.43	2.05	2.55	4.09	4.50	0.55	16.82	11.09	13.06	12.11	12.36
02/04/2014	5.60	7.38	1.77	2.54	2.99	4.47	0.58	16.78	11.01	12.66	11.42	11.62
02/05/2014	5.19	7.29	1.66	2.52	3.21	4.45	0.58	16.99	11.11	12.37	11.01	11.06
02/06/2014	5.07	7.15	1.53	2.48	3.11	4.40	0.58	16.76	11.04	12.25	11.00	10.01
02/07/2014	5.46	7.00	1.63	2.42	3.34	4.35	0.56	16.42	10.95	12.40	10.57	10.27
02/08/2014	6.19	6.90	1.81	2.37	3.65	4.31	0.40	15.69	10.04	11.36	9.81	9.75
02/09/2014	5.45	6.70	1.58	2.27	2.51	4.15	0.25	12.97	1.41	8.31	9.29	10.35
02/10/2014	4.13	6.38	1.23	2.12	1.35	3.85	0.30	11.32	0.87	6.80	9.18	8.63
02/11/2014	2.93	6.00	1.05	1.97	0.55	3.50	0.42	11.68	3.31	6.98	9.30	6.53
02/12/2014	2.26	5.59	0.95	1.82	0.42	3.15	0.47	12.30	4.95	7.01	9.14	4.67
02/13/2014	1.80	5.13	0.87	1.67	0.35	2.79	0.54	12.08	5.63	7.51	7.78	3.53
02/14/2014	1.58	4.69	0.83	1.54	0.33	2.46	0.61	12.16	5.94	7.09	6.29	3.23
02/15/2014	1.49	4.30	0.82	1.43	0.36	2.18	0.70	12.01	5.76	6.40	5.15	2.53
02/16/2014	1.40	3.92	0.78	1.33	0.33	1.90	0.75	12.06	5.67	5.70	4.15	2.50
02/17/2014	1.32	3.56	0.74	1.23	0.32	1.63	0.74	13.57	5.58	4.94	3.49	2.21
02/18/2014	1.23	3.25	0.72	1.16	0.32	1.44	0.80	13.96	5.41	4.64	3.34	2.07
02/19/2014	1.21	2.97	0.69	1.09	0.32	1.23	0.86	13.86	5.23	4.52	3.12	2.26
02/20/2014	1.15	2.69	0.66	1.03	0.32	1.03	0.78	14.49	5.51	4.57	2.93	1.78
02/21/2014	1.18	2.38	0.67	0.96	0.34	0.82	0.59	13.77	5.06	4.35	2.91	2.30
02/22/2014	1.28	2.03	0.71	0.88	0.40	0.59	0.86	12.88	4.91	4.45	2.89	3.33
02/23/2014	1.42	1.74	0.72	0.82	0.47	0.44	0.76	11.54	4.66	4.49	2.92	4.01
02/24/2014	1.52	1.56	0.70	0.78	0.51	0.38	0.69	10.98	4.43	4.72	3.11	3.48
02/25/2014	1.73	1.47	0.70	0.75	0.63	0.39	0.88	10.45	4.74	5.07	3.56	4.99
02/26/2014	1.77	1.43	0.69	0.73	0.67	0.41	0.89	10.03	5.31	5.50	3.96	4.90
02/27/2014	2.34	1.47	0.72	0.72	0.85	0.44	0.80	9.36	5.21	5.44	3.95	6.15
02/28/2014	2.42	1.53	0.71	0.71	0.98	0.49	0.41	9.10	3.71	5.49	4.65	5.88
03/01/2014	2.40	1.60	0.67	0.70	0.81	0.52	0.32	9.02	3.76	5.70	4.50	4.78
03/02/2014	2.01	1.64	0.65	0.70	0.55	0.54	0.41	8.98	4.00	5.48	4.51	5.02
03/03/2014	1.48	1.65	0.61	0.69	0.38	0.54	0.49	8.67	3.30	4.94	4.46	3.87
03/04/2014	1.24	1.65	0.59	0.68	0.34	0.54	0.56	8.67	3.56	4.97	4.39	2.81

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
02/03/2014	1.60	1.69	1.13	0.94	0.72	1.01	1.17	1,958	207	140	b
02/04/2014	1.55	1.65	1.12	0.94	0.72	1.00	1.17	1,714	207	140	b
02/05/2014	1.43	1.62	1.12	0.94	0.72	0.98	1.11	1,582	207	140	b
02/06/2014	1.39	1.59	1.10	0.95	0.72	1.00	1.06	1,544	210	143	b
02/07/2014	1.34	1.58	1.08	0.95	0.72	0.98	1.03	1,668	210	140	b
02/08/2014	1.24	1.56	1.05	0.95	0.71	0.96	1.04	1,903	210	138	b
02/09/2014	1.20	1.51	1.03	0.94	0.71	0.96	1.03	1,665	207	138	b
02/10/2014	1.23	1.44	1.01	0.93	0.71	0.95	0.99	1,246	204	135	b
02/11/2014	1.15	1.40	1.00	0.92	0.71	0.91	0.93	864	204	135	b
02/12/2014	1.04	1.36	0.99	0.94	0.71	0.88	0.90	649	207	137	b
02/13/2014	0.97	1.32	0.97	0.93	0.71	0.89	0.88	504	207	140	b
02/14/2014	0.90	1.28	0.93	0.92	0.71	0.87	0.88	433	203	140	b
02/15/2014	0.84	1.25	0.90	0.90	0.71	0.88	0.89	405	198	140	b
02/16/2014	0.79	1.21	0.86	0.88	0.72	0.87	0.89	377	192	138	b
02/17/2014	0.77	1.17	0.83	0.85	0.72	0.90	0.89	350	184	140	b
02/18/2014	0.77	1.12	0.79	0.82	0.72	0.88	0.87	323	176	140	b
02/19/2014	0.75	1.07	0.77	0.79	0.72	0.86	0.85	316	168	138	b
02/20/2014	0.72	1.04	0.75	0.77	0.73	0.85	0.85	298	162	145	b
02/21/2014	0.69	1.00	0.74	0.75	0.73	0.83	0.85	305	157	142	b
02/22/2014	0.66	0.97	0.73	0.73	0.74	0.83	0.83	336	153	142	b
02/23/2014	0.65	0.93	0.72	0.72	0.75	0.81	0.81	383	149	145	b
02/24/2014	0.64	0.91	0.71	0.71	0.76	0.81	0.85	414	149	145	b
02/25/2014	0.63	0.88	0.70	0.71	0.75	0.82	0.87	479	148	148	b
02/26/2014	0.62	0.84	0.68	0.70	0.74	0.80	0.82	493	144	152	b
02/27/2014	0.62	0.83	0.67	0.69	0.75	0.79	0.89	675	143	158	b
02/28/2014	0.60	0.80	0.66	0.68	0.76	0.84	0.89	700	140	158	b
03/01/2014	0.61	0.79	0.65	0.68	0.77	0.82	0.93	696	139	158 c	b
03/02/2014	0.62	0.79	0.65	0.67	0.79	0.83	0.98	570	138	158 c	b
03/03/2014	0.61	0.79	0.64	0.66	0.80	0.79	0.85	401	135	170	b
03/04/2014	0.59	0.78	0.63	0.65	0.84	0.75	0.78	323	131	173	b

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:
(Note: below label begins on October 1, 2013)

c = excess Delta conditions

b = balanced Delta conditions

r = excess Delta conditions with restrictions:

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
02/03/2014	0.83	0.97	0.88	1.02	1.20	1.29	0.87	1.00
02/04/2014	0.82	0.96	0.91	1.02	1.20	1.29	0.81	0.99
02/05/2014	0.81	0.96	0.91	1.02	1.21	1.29	0.73	0.98
02/06/2014	0.78	0.95	0.89	1.02	1.21	1.30	0.80	0.97
02/07/2014	0.83	0.94	0.88	1.01	1.21	1.30	0.79	0.97
02/08/2014	0.89	0.94	0.87	1.01	1.24	1.30	0.69	0.96
02/09/2014	0.82	0.94	0.85	1.00	1.25	1.30	0.88	0.94
02/10/2014	0.97	0.93	0.85	1.00	1.16	1.30	0.74	0.93
02/11/2014	1.02	0.93	0.87	0.99	1.10	1.29	0.83	0.92
02/12/2014	1.01	0.93	0.89	0.99	1.09	1.29	0.77	0.91
02/13/2014	1.08	0.93	0.90	0.98	1.16	1.28	0.95	0.91
02/14/2014	1.07	0.93	0.91	0.97	1.19	1.28	1.04	0.91
02/15/2014	1.05	0.93	0.92	0.97	1.21	1.27	1.09	0.91
02/16/2014	1.05	0.94	0.92	0.96	1.22	1.27	1.08	0.91
02/17/2014	1.05	0.94	0.93	0.96	1.23	1.28	0.83	0.90
02/18/2014	1.03	0.94	0.94	0.95	1.28	1.26	0.81	0.89
02/19/2014	0.97	0.94	0.95	0.95	1.34	1.26	1.03	0.89
02/20/2014	0.94	0.94	0.96	0.94	1.35	1.26	1.08	0.90
02/21/2014	0.90	0.94	0.97	0.94	1.36	1.26	1.06	0.90
02/22/2014	0.82	0.93	0.99	0.94	1.40	1.26	1.04	0.90
02/23/2014	0.80	0.93	1.00	0.94	1.42	1.26	1.03	0.90
02/24/2014	0.79	0.92	1.01	0.93	1.43	1.26	1.02	0.90
02/25/2014	0.79	0.91	1.01	0.93	1.41	1.26	0.98	0.90
02/26/2014	0.79	0.91	1.01	0.93	1.39	1.26	0.93	0.90
02/27/2014	0.80	0.90	1.01	0.93	1.34	1.26	0.91	0.90
02/28/2014	0.81	0.90	0.98	0.93	1.26	1.26	0.89	0.90
03/01/2014	0.77	0.90	0.95	0.93	1.20	1.26	0.84	0.89
03/02/2014	0.90	0.90	0.89	0.93	1.13	1.25	0.84	0.89
03/03/2014	1.11	0.91	0.87	0.93	1.04	1.25	0.78	0.89
03/04/2014	1.21	0.92	0.85	0.92	1.02	1.24	0.90	0.89

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Thursday, March 27, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	15 %
NDOI, 3 day average*	>= 11,400 cfs	5,303 cfs
Habitat Protection, X2 / Flow <small>* 7 days as carryover from February</small>	29 days at Chipps Island	20

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l Export Areas for SWP, CVP, CCWD, et al	155 days <= 250 mg/l Cl	56 days 153 mg/l
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=1.0 mS/cm	0.9 mS/cm
Brandt Bridge	<=1.0 mS/cm	1.0 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.2 mS/cm
Old River Near Middle River	<=1.0 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
 Flashboard Status : In
 Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Mar 1, 2014)

Previous Month's Index (8RI for Feb): 1.224 MAF
 Water Year Type: Critical
 Sacramento valley water year type index (40/30/30) @ 50%: 3.8 MAF (Critical)
 San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

* 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	Chipps Island		Collinsville	
	High	Half			mdEC	14dm		mdEC	14dm	mdEC	14dm
02/26/2014	6.14	4.10	5,530	22.75	21.65	15.97	7.66	7.15	4.78	3.66	2.40
02/27/2014	6.38	4.35	7,737	23.28	23.12	16.59	8.69	8.22	5.00	4.45	2.54
02/28/2014	6.66	4.50	8,127	23.33	23.20	17.34	9.05	8.59	5.29	4.45	2.69
03/01/2014	6.31	4.50	17,041	22.42	22.80	17.81	8.58	8.10	5.56	3.86	2.82
03/02/2014	6.14	4.44	21,316	20.94	20.18	18.13	7.75	7.24	5.77	3.72	2.95
03/03/2014	5.90	4.14	25,935	18.87	17.59	18.72	5.76	5.22	5.86	2.49	2.99
03/04/2014	5.91	4.03	24,917	17.86	15.45	18.77	4.67	4.14	5.89	1.84	3.00
03/05/2014	5.87	4.08	22,513	17.09	14.42	18.76	4.11	3.60	5.86	1.50	2.97
03/06/2014	5.99	4.09	16,879	16.24	13.29	18.70	3.58	3.09	5.83	1.41	2.96
03/07/2014	5.79	3.92	22,913	14.72	11.05	18.46	2.56	2.13	5.70	0.87	2.89
03/08/2014	5.56	3.84	24,317	13.51	8.81	17.91	1.82	1.46	5.47	0.62	2.76
03/09/2014	5.32	3.78	21,275	12.88	7.80	17.13	1.49	1.17	5.16	0.41	2.57
03/10/2014	5.47	3.87	17,880	14.45	9.05	16.38	1.66	1.32	4.86	0.46	2.40
03/11/2014	5.07	3.56	13,937	15.92	8.13	15.47	1.63	1.29	4.48	0.39	2.15
03/12/2014	4.97	3.52	11,916	16.11	9.44	14.60	1.57	1.24	4.06	0.42	1.92
03/13/2014	5.58	3.91	14,762	18.12	13.76	13.93	2.73	2.28	3.63	0.48	1.64
03/14/2014	5.52	3.93	16,692	18.20	14.34	13.29	3.14	2.67	3.21	0.59	1.36
03/15/2014	5.17	3.63	13,343	17.17	13.25	12.61	2.61	2.18	2.79	0.56	1.12
03/16/2014	5.03	3.57	9,130	16.30	12.89	12.09	2.58	2.15	2.42	0.64	0.90
03/17/2014	5.15	3.63	7,726	18.12	13.28	11.78	3.11	2.64	2.24	0.88	0.79
03/18/2014	5.35	3.70	6,030	17.77	14.38	11.71	3.52	3.03	2.16	1.12	0.74
03/19/2014	5.49	3.70	5,513	18.42	15.47	11.78	4.01	3.49	2.15	1.32	0.73
03/20/2014	5.63	3.87	4,969	18.60	16.01	11.98	4.76	4.22	2.23	1.92	0.76
03/21/2014	5.87	4.01	4,337	20.47	17.95	12.47	5.84	5.29	2.46	2.70	0.89
03/22/2014	5.96	4.04	5,277	20.87	18.24	13.14	5.92	5.38	2.74	2.94	1.06
03/23/2014	5.90	4.03	5,338	19.49	17.84	13.86	5.73	5.19	3.03	2.95	1.24
03/24/2014	5.74	4.00	5,860	19.64	18.00	14.50	5.65	5.10	3.30	2.82	1.41
03/25/2014	5.78	4.01	5,288	21.25	19.01	15.28	6.82	6.29	3.65	2.93	1.59
03/26/2014	5.88	4.07	4,477	20.91	19.41	15.99	6.47	5.93	3.99	3.11	1.76
03/27/2014	5.80	3.89	6,548	20.18	18.72	16.34	6.25	5.71	4.23	2.05	1.95

Antioch Tides: measured in feet above mean sea level.

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

Chipps 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
02/26/2014	1.77	1.43	0.69	0.73	0.67	0.41	0.89	10.03	5.31	5.50	3.96	4.90
02/27/2014	2.34	1.47	0.72	0.72	0.85	0.44	0.80	9.36	5.21	5.44	3.95	6.15
02/28/2014	2.42	1.53	0.71	0.71	0.98	0.49	0.41	9.10	3.71	5.49	4.65	5.88
03/01/2014	2.40	1.60	0.67	0.70	0.81	0.52	0.32	9.02	3.76	5.70	4.50	4.78
03/02/2014	2.01	1.64	0.65	0.70	0.55	0.54	0.41	8.98	4.00	5.48	4.51	5.02
03/03/2014	1.48	1.65	0.61	0.69	0.38	0.54	0.49	8.67	3.30	4.94	4.46	3.87
03/04/2014	1.24	1.65	0.59	0.68	0.34	0.54	0.58	8.67	3.56	4.97	4.39	2.81
03/05/2014	1.11	1.65	0.58	0.67	0.33	0.54	0.69	7.95	3.81	4.91	3.98	2.33
03/06/2014	1.07	1.64	0.57	0.66	0.32	0.54	0.78	7.62	3.88	4.59	3.26	1.74
03/07/2014	0.91	1.62	0.55	0.65	0.28	0.54	0.81	7.78	4.31	4.40	2.64	1.04
03/08/2014	0.80	1.59	0.53	0.64	0.26	0.53	0.78	8.46	4.63	3.97	2.36	0.70
03/09/2014	0.73	1.54	0.50	0.63	0.24	0.51	0.73	9.02	4.51	3.80	2.20	0.42
03/10/2014	0.69	1.48	0.51	0.61	0.25	0.49	0.71	10.68	4.48	3.58	1.97	0.55
03/11/2014	0.66	1.40	0.49	0.60	0.22	0.46	0.76	11.00	4.23	3.53	1.83	0.39
03/12/2014	0.62	1.32	0.48	0.58	0.22	0.43	0.80	11.22	4.07	3.46	1.67	0.42
03/13/2014	0.62	1.20	0.48	0.56	0.23	0.39	0.85	9.60	3.51	3.29	1.56	0.60
03/14/2014	0.64	1.07	0.47	0.55	0.23	0.33	0.89	9.08	3.23	3.01	1.42	0.80
03/15/2014	0.63	0.94	0.45	0.53	0.24	0.29	0.91	9.57	3.11	2.83	1.36	0.63
03/16/2014	0.63	0.84	0.44	0.52	0.24	0.27	0.94	9.74	2.84	2.63	1.45	0.81
03/17/2014	0.69	0.79	0.45	0.51	0.24	0.26	0.93	8.72	2.98	2.34	1.49	1.43
03/18/2014	0.71	0.75	0.44	0.49	0.23	0.25	0.89	8.02	2.78	2.44	1.35	1.50
03/19/2014	0.77	0.73	0.44	0.49	0.25	0.24	0.91	7.82	2.70	2.46	1.33	2.01
03/20/2014	0.90	0.71	0.44	0.48	0.28	0.24	0.89	8.21	2.61	2.46	1.47	2.49
03/21/2014	1.08	0.73	0.46	0.47	0.34	0.25	0.88	7.86	2.68	2.57	1.67	3.80
03/22/2014	1.14	0.75	0.47	0.46	0.38	0.26	0.66	7.80	2.91	2.87	1.87	3.47
03/23/2014	1.21	0.78	0.46	0.46	0.41	0.27	0.90	8.21	3.05	3.19	2.30	3.76
03/24/2014	1.19	0.82	0.46	0.46	0.42	0.28	0.87	8.10	3.47	3.66	3.01	3.61
03/25/2014	1.43	0.87	0.46	0.46	0.48	0.30	0.90	8.23	4.33	4.03	3.53	3.80
03/26/2014	1.37	0.93	0.46	0.45	0.51	0.32	0.92	8.33	4.36	4.36	3.58	3.91
03/27/2014	1.29	0.98	0.44	0.45	0.46	0.34	0.89	8.61	4.08	4.27	3.52	3.81

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
02/26/2014	0.62	0.84	0.68	0.70	0.74	0.80	0.82	493	144	152	b
02/27/2014	0.62	0.83	0.67	0.69	0.75	0.78	0.89	675	143	158	b
02/28/2014	0.60	0.80	0.66	0.68	0.76	0.84	0.89	700	140	158	b
03/01/2014	0.61	0.79	0.65	0.68	0.77	0.82	0.93	696	139	162	b
03/02/2014	0.62	0.79	0.65	0.67	0.79	0.83	0.98	570	138	165	r
03/03/2014	0.61	0.79	0.64	0.66	0.80	0.79	0.85	401	135	170	r
03/04/2014	0.59	0.78	0.63	0.65	0.84	0.75	0.78	323	131	173	r
03/05/2014	0.58	0.78	0.62	0.63	0.85	0.74	0.75	283	127	177	r
03/08/2014	0.57	0.77	0.61	0.61	0.86	0.70	0.71	271	122	180	r
03/07/2014	0.57	0.74	0.59	0.59	0.87	0.71	0.74	219	117	183	r
03/08/2014	0.55	0.73	0.57	0.58	0.87	0.68	0.74	185	114	183	r
03/09/2014	0.53	0.72	0.56	0.57	0.87	0.68	0.71	162	110	183	r
03/10/2014	0.52	0.71	0.55	0.55	0.87	0.63	0.70	148	106	183	r
03/11/2014	0.51	0.70	0.52	0.53	0.88	0.65	0.75	141	101	183	r
03/12/2014	0.48	0.68	0.49	0.52	0.88	0.63	0.73	126	98	182	r
03/13/2014	0.46	0.65	0.47	0.50	0.89	0.60	0.70	127	91	183	r
03/14/2014	0.46	0.63	0.47	0.47	0.90	0.65	0.68	133	85	186	r
03/15/2014	0.45	0.62	0.46	0.46	0.90	0.58	0.71	130	82	186	r
03/16/2014	0.44	0.62	0.46	0.45	0.91	0.56	0.69	130	80	186	r
03/17/2014	0.46	0.59	0.45	0.44	0.91	0.54	0.60	148	77	187	r
03/18/2014	0.45	0.57	0.44	0.43	0.92	0.54	0.58	157	75	187	b
03/19/2014	0.44	0.56	0.44	0.43	0.94	0.55	0.56	178	74	188	b
03/20/2014	0.43	0.55	0.43	0.43	0.94	0.52	0.55	216	73	188	b
03/21/2014	0.42	0.54	0.43	0.42	0.90	0.51	0.52	273	72	185	b
03/22/2014	0.43	0.53	0.43	0.42	0.88	0.51	0.54	293	72	185 e	b
03/23/2014	0.43	0.52	0.43	0.42	0.86	0.51	0.58	314	72	185 e	b
03/24/2014	0.43	0.53	0.43	0.43	0.84	0.54	0.61	307	73	174	b
03/25/2014	0.43	0.52	0.42	0.42	0.82	0.54	0.62	386	73	168	b
03/26/2014	0.42	0.52	0.42	0.42	0.80	0.55	0.62	366	72	154	b
03/27/2014	0.42	0.52	0.42	0.42	0.79	0.56	0.63	341	72	153	b

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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
02/26/2014	0.79	0.91	1.01	0.93	1.39	1.26	0.93	0.90
02/27/2014	0.80	0.90	1.01	0.93	1.34	1.26	0.91	0.90
02/28/2014	0.81	0.90	0.98	0.93	1.26	1.26	0.89	0.90
03/01/2014	0.77	0.90	0.95	0.93	1.20	1.26	0.84	0.89
03/02/2014	0.90	0.90	0.89	0.93	1.13	1.25	0.84	0.89
03/03/2014	1.11	0.91	0.87	0.93	1.04	1.25	0.78	0.89
03/04/2014	1.21	0.92	0.85	0.92	1.02	1.24	0.90	0.89
03/05/2014	1.22	0.93	0.84	0.92	1.07	1.24	1.09	0.90
03/06/2014	1.21	0.95	0.85	0.92	1.14	1.23	1.19	0.91
03/07/2014	1.23	0.96	0.85	0.92	1.19	1.23	1.22	0.93
03/08/2014	1.23	0.97	0.87	0.92	1.25	1.24	1.21	0.94
03/09/2014	1.19	0.99	0.88	0.92	1.31	1.24	1.23	0.96
03/10/2014	1.11	0.99	0.89	0.92	1.37	1.24	1.24	0.98
03/11/2014	1.02	1.00	0.90	0.92	1.31	1.24	1.17	0.99
03/12/2014	1.02	1.00	0.91	0.92	1.34	1.25	1.11	1.01
03/13/2014	0.97	1.00	0.92	0.92	1.37	1.26	1.04	1.01
03/14/2014	0.91	0.99	0.94	0.93	1.32	1.27	1.02	1.02
03/15/2014	0.92	0.99	0.96	0.93	1.18	1.27	0.97	1.02
03/16/2014	0.92	0.98	0.99	0.93	1.15	1.27	0.91	1.02
03/17/2014	0.90	0.98	1.04	0.93	1.17	1.27	0.90	1.01
03/18/2014	0.87	0.97	1.04	0.94	1.11	1.26	0.89	1.00
03/19/2014	0.82	0.97	1.06	0.94	1.07	1.26	0.89	1.01
03/20/2014	0.73	0.96	1.10	0.95	1.08	1.25	0.88	1.01
03/21/2014	0.69	0.95	1.13	0.95	1.10	1.24	0.87	1.00
03/22/2014	0.64	0.94	1.13	0.96	1.12	1.23	0.85	1.00
03/23/2014	0.65	0.93	1.12	0.96	1.13	1.23	0.80	0.99
03/24/2014	0.68	0.92	1.08	0.97	1.14	1.22	0.76	0.98
03/25/2014	0.59	0.92	1.04	0.97	1.14	1.21	0.73	0.97
03/26/2014	0.52	0.91	1.02	0.97	1.14	1.20	0.71	0.96
03/27/2014	0.49	0.90	0.97	0.97	1.09	1.19	0.73	0.95

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Monday, March 31, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	17 %
NDOI, 3 day average*	>= 11,400 cfs	8,242 cfs
Habitat Protection, X2 / Flow		
* 7 days as carryover from February	29 days at Chipps Island	20

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l Export Areas for SWP, CVP, CCWD, et al	155 days <= 250 mg/l Cl	56 days 132 mg/l
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=1.0 mS/cm	mS/cm
Brandt Bridge	<=1.0 mS/cm	1.0 mS/cm
Old River Near Tracy	<=1.0 mS/cm	1.2 mS/cm
Old River Near Middle River	<=1.0 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status : In
Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Mar 1, 2014)

Previous Month's Index (8RI for Feb): 1.224 MAF
Water Year Type: Critical
Sacramento valley water year type index (40/30/30) @ 50%: 3.8 MAF (Critical)
San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
b = balanced Delta conditions
r = excess Delta conditions with restrictions:

* 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
03/02/2014	6.14	4.44	21,316	20.94	20.18	18.13	7.75	7.24	5.77	3.72	2.95
03/03/2014	5.90	4.14	25,935	18.87	17.59	18.72	5.76	5.22	5.86	2.49	2.99
03/04/2014	5.91	4.03	24,917	17.86	15.45	18.77	4.67	4.14	5.89	1.84	3.00
03/05/2014	5.87	4.08	22,513	17.09	14.42	18.76	4.11	3.60	5.86	1.50	2.97
03/06/2014	5.99	4.09	16,879	16.24	13.29	18.70	3.58	3.09	5.83	1.41	2.96
03/07/2014	5.79	3.92	22,913	14.72	11.05	18.46	2.56	2.13	5.70	0.87	2.89
03/08/2014	5.56	3.84	24,317	13.51	8.81	17.91	1.82	1.46	5.47	0.62	2.76
03/09/2014	5.32	3.78	21,275	12.88	7.80	17.13	1.49	1.17	5.16	0.41	2.57
03/10/2014	5.47	3.87	17,880	14.45	9.05	16.38	1.66	1.32	4.86	0.46	2.40
03/11/2014	5.07	3.56	13,937	15.92	8.13	15.47	1.63	1.29	4.48	0.39	2.15
03/12/2014	4.97	3.52	11,916	16.11	9.44	14.60	1.57	1.24	4.06	0.42	1.92
03/13/2014	5.58	3.91	14,762	18.12	13.76	13.93	2.73	2.28	3.63	0.48	1.64
03/14/2014	5.52	3.93	16,692	18.20	14.34	13.29	3.14	2.67	3.21	0.59	1.36
03/15/2014	5.17	3.63	13,343	17.17	13.25	12.61	2.61	2.18	2.79	0.56	1.12
03/16/2014	5.03	3.57	9,130	16.30	12.89	12.09	2.58	2.15	2.42	0.64	0.90
03/17/2014	5.15	3.63	7,726	18.12	13.28	11.78	3.11	2.64	2.24	0.88	0.79
03/18/2014	5.35	3.70	6,030	17.77	14.38	11.71	3.52	3.03	2.16	1.12	0.74
03/19/2014	5.49	3.70	5,513	18.42	15.47	11.78	4.01	3.49	2.15	1.32	0.73
03/20/2014	5.63	3.87	4,969	18.60	16.01	11.98	4.76	4.22	2.23	1.92	0.76
03/21/2014	5.87	4.01	4,337	20.47	17.95	12.47	5.84	5.29	2.46	2.70	0.89
03/22/2014	5.96	4.04	5,277	20.87	18.24	13.14	5.92	5.38	2.74	2.94	1.06
03/23/2014	5.90	4.03	5,336	19.49	17.84	13.86	5.73	5.19	3.03	2.95	1.24
03/24/2014	5.74	4.00	5,860	19.64	18.00	14.50	5.65	5.10	3.30	2.82	1.41
03/25/2014	5.78	4.01	5,268	21.25	19.01	15.28	6.82	6.29	3.65	2.93	1.59
03/26/2014	5.88	4.07	4,477	20.91	19.41	15.99	6.47	5.93	3.99	3.11	1.78
03/27/2014	5.60	3.89	6,548	20.18	18.72	16.34	6.25	5.71	4.23	2.85	1.95
03/28/2014	5.45	3.76	8,018	20.07	18.32	16.63	6.06	5.52	4.44	2.84	2.11
03/29/2014	5.57	3.93	7,354	20.89	18.50	17.00	6.72	6.18	4.72	3.02	2.29
03/30/2014	5.76	3.95	12,097	20.02	18.61	17.41	6.64	6.11	5.01	3.15	2.47
03/31/2014	5.73	3.94	13,911	20.34	18.51	17.78	6.34	5.80	5.23	2.77	2.60

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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
03/02/2014	2.01	1.64	0.65	0.70	0.55	0.54	0.41	8.98	4.00	5.48	4.51	5.02
03/03/2014	1.40	1.65	0.61	0.69	0.38	0.54	0.49	8.67	3.30	4.94	4.46	3.67
03/04/2014	1.24	1.65	0.59	0.68	0.34	0.54	0.58	8.67	3.56	4.97	4.39	2.61
03/05/2014	1.11	1.65	0.58	0.67	0.33	0.54	0.69	7.95	3.81	4.91	3.98	2.33
03/06/2014	1.07	1.64	0.57	0.66	0.32	0.54	0.78	7.62	3.88	4.59	3.26	1.74
03/07/2014	0.91	1.62	0.55	0.65	0.28	0.54	0.81	7.78	4.31	4.40	2.64	1.04
03/08/2014	0.80	1.59	0.53	0.64	0.26	0.53	0.78	8.46	4.63	3.97	2.36	0.70
03/09/2014	0.73	1.54	0.50	0.63	0.24	0.51	0.73	9.02	4.51	3.80	2.20	0.42
03/10/2014	0.69	1.48	0.51	0.61	0.25	0.49	0.71	10.68	4.48	3.58	1.97	0.55
03/11/2014	0.66	1.40	0.49	0.60	0.22	0.46	0.76	11.00	4.23	3.53	1.83	0.39
03/12/2014	0.62	1.32	0.48	0.58	0.22	0.43	0.80	11.22	4.07	3.46	1.67	0.42
03/13/2014	0.62	1.20	0.48	0.56	0.23	0.39	0.85	9.60	3.51	3.29	1.56	0.60
03/14/2014	0.64	1.07	0.47	0.55	0.23	0.33	0.89	9.06	3.23	3.01	1.42	0.80
03/15/2014	0.63	0.94	0.45	0.53	0.24	0.29	0.91	9.57	3.11	2.83	1.36	0.63
03/16/2014	0.63	0.84	0.44	0.52	0.24	0.27	0.94	9.74	2.84	2.63	1.45	0.81
03/17/2014	0.69	0.79	0.45	0.51	0.24	0.26	0.93	8.72	2.98	2.34	1.49	1.43
03/18/2014	0.71	0.75	0.44	0.49	0.23	0.25	0.89	8.02	2.78	2.44	1.35	1.50
03/19/2014	0.77	0.73	0.44	0.49	0.25	0.24	0.91	7.82	2.70	2.46	1.33	2.01
03/20/2014	0.90	0.71	0.44	0.48	0.28	0.24	0.89	8.21	2.61	2.46	1.47	2.49
03/21/2014	1.08	0.73	0.46	0.47	0.34	0.25	0.88	7.86	2.68	2.57	1.67	3.80
03/22/2014	1.14	0.75	0.47	0.46	0.38	0.26	0.86	7.80	2.91	2.87	1.87	3.47
03/23/2014	1.21	0.78	0.46	0.46	0.41	0.27	0.90	8.21	3.05	3.19	2.30	3.76
03/24/2014	1.19	0.82	0.46	0.46	0.42	0.28	0.87	8.10	3.47	3.66	3.01	3.61
03/25/2014	1.43	0.87	0.46	0.46	0.48	0.30	0.90	8.23	4.33	4.03	3.53	3.80
03/26/2014	1.37	0.93	0.46	0.45	0.51	0.32	0.92	8.33	4.36	4.36	3.58	3.91
03/27/2014	1.29	0.98	0.44	0.45	0.46	0.34	0.89	8.61	4.08	4.27	3.52	3.81
03/28/2014	1.20	1.02	0.44	0.45	0.43	0.35	0.77	9.26	3.79	4.12	3.48	3.66
03/29/2014	1.39	1.07	0.46	0.45	0.53	0.37	0.75	9.09	3.74	4.08	3.55	4.00
03/30/2014	1.38	1.12	0.45	0.45	0.53	0.39	0.79	8.99	3.77	4.19	3.50	4.44
03/31/2014	1.36	1.17	0.45	0.45	0.48	0.41	0.73	9.09	3.59	4.02	3.31	3.60

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
03/02/2014	0.62	0.79	0.65	0.67	0.79	0.83	0.98	570	138	165	r
03/03/2014	0.61	0.79	0.64	0.66	0.80	0.79	0.85	401	135	170	r
03/04/2014	0.59	0.78	0.63	0.65	0.84	0.75	0.78	323	131	173	r
03/05/2014	0.58	0.78	0.62	0.63	0.85	0.74	0.75	283	127	177	r
03/06/2014	0.57	0.77	0.61	0.61	0.86	0.70	0.71	271	122	180	r
03/07/2014	0.57	0.74	0.59	0.59	0.87	0.71	0.74	219	117	183	r
03/08/2014	0.55	0.73	0.57	0.58	0.87	0.89	0.74	185	114	183	r
03/09/2014	0.53	0.72	0.56	0.57	0.87	0.88	0.71	162	110	183	r
03/10/2014	0.52	0.71	0.55	0.55	0.87	0.63	0.70	148	106	183	r
03/11/2014	0.51	0.70	0.52	0.53	0.88	0.65	0.75	141	101	183	r
03/12/2014	0.48	0.68	0.49	0.52	0.88	0.63	0.73	126	98	182	r
03/13/2014	0.46	0.65	0.47	0.50	0.89	0.60	0.70	127	91	183	r
03/14/2014	0.46	0.63	0.47	0.47	0.90	0.65	0.68	133	85	186	r
03/15/2014	0.45	0.62	0.46	0.46	0.90	0.58	0.71	130	82	186	r
03/16/2014	0.44	0.62	0.46	0.45	0.91	0.56	0.69	130	80	186	r
03/17/2014	0.46	0.59	0.45	0.44	0.91	0.54	0.60	148	77	187	r
03/18/2014	0.45	0.57	0.44	0.43	0.92	0.54	0.58	157	75	187	b
03/19/2014	0.44	0.56	0.44	0.43	0.94	0.55	0.56	176	74	188	b
03/20/2014	0.43	0.55	0.43	0.43	0.94	0.52	0.55	216	73	188	b
03/21/2014	0.42	0.54	0.43	0.42	0.90	0.51	0.52	273	72	185	b
03/22/2014	0.43	0.53	0.43	0.42	0.88	0.51	0.54	293	72	185 e	b
03/23/2014	0.43	0.52	0.43	0.42	0.86	0.51	0.58	314	72	185 e	b
03/24/2014	0.43	0.53	0.43	0.43	0.84	0.54	0.61	307	73	174	b
03/25/2014	0.43	0.52	0.42	0.42	0.82	0.54	0.62	386	73	168	b
03/26/2014	0.42	0.52	0.42	0.42	0.80	0.55	0.62	366	72	154	b
03/27/2014	0.42	0.52	0.42	0.42	0.79	0.56	0.63	341	72	153	b
03/28/2014	0.41	0.52	0.42	0.43	0.75	0.56	0.65	311	73	152	b
03/29/2014	0.40	0.51	0.42	0.43	0.71	0.55	0.63	372	73	152 e	b
03/30/2014	0.41	0.51	0.42	0.42	0.68	0.56	0.61	369	73	152 e	b
03/31/2014	0.40	0.50	0.42	0.42	0.63	0.60	0.64	363	72	132	b

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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
03/02/2014	0.90	0.90	0.89	0.93	1.13	1.25	0.84	0.89
03/03/2014	1.11	0.91	0.87	0.93	1.04	1.25	0.78	0.89
03/04/2014	1.21	0.92	0.85	0.92	1.02	1.24	0.90	0.89
03/05/2014	1.22	0.93	0.84	0.92	1.07	1.24	1.09	0.90
03/06/2014	1.21	0.95	0.85	0.92	1.14	1.23	1.19	0.91
03/07/2014	1.23	0.96	0.85	0.92	1.19	1.23	1.22	0.93
03/08/2014	1.23	0.97	0.87	0.92	1.25	1.24	1.21	0.94
03/09/2014	1.19	0.99	0.88	0.92	1.31	1.24	1.23	0.96
03/10/2014	1.11	0.99	0.89	0.92	1.37	1.24	1.24	0.98
03/11/2014	1.02	1.00	0.90	0.92	1.31	1.24	1.17	0.99
03/12/2014	1.02	1.00	0.91	0.92	1.34	1.26	1.11	1.01
03/13/2014	0.97	1.00	0.92	0.92	1.37	1.26	1.04	1.01
03/14/2014	0.91	0.99	0.94	0.93	1.32	1.27	1.02	1.02
03/15/2014	0.92	0.99	0.96	0.93	1.18	1.27	0.97	1.02
03/16/2014	0.92	0.98	0.99	0.93	1.15	1.27	0.91	1.02
03/17/2014	0.90	0.98	1.04	0.93	1.17	1.27	0.90	1.01
03/18/2014	0.87	0.97	1.04	0.94	1.11	1.26	0.89	1.00
03/19/2014	0.82	0.97	1.06	0.94	1.07	1.26	0.89	1.01
03/20/2014	0.73	0.96	1.10	0.95	1.08	1.25	0.88	1.01
03/21/2014	0.69	0.95	1.13	0.95	1.10	1.24	0.87	1.00
03/22/2014	0.64	0.94	1.13	0.96	1.12	1.23	0.85	1.00
03/23/2014	0.65	0.93	1.12	0.96	1.13	1.23	0.80	0.99
03/24/2014	0.68	0.92	1.08	0.97	1.14	1.22	0.76	0.98
03/25/2014	0.59	0.92	1.04	0.97	1.14	1.21	0.73	0.97
03/26/2014	0.52	0.91	1.02	0.97	1.14	1.20	0.71	0.96
03/27/2014	0.49	0.90	0.97	0.97	1.09	1.19	0.73	0.95
03/28/2014	0.45	0.89	0.91	0.96	1.06	1.18	0.70	0.94
03/29/2014	NR	NC	0.89	0.98	1.03	1.17	0.66	0.93
03/30/2014	NR	NC	0.87	0.98	1.03	1.16	0.62	0.92
03/31/2014	0.83	NC	0.80	0.95	1.01	1.15	0.59	0.92

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

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Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Monday, April 14, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	28 %
Habitat Protection, X2 / Flow	25 days at Chipps Island 30 days at Collinsville	7 days 14 days

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l Export Areas for SWP, CVP, CCWD, et al	155 days <= 250 mg/l Cl	days 55 mg/l
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Maximum 30 day running average of mean daily EC at:

Vernalis	<=0.7 mS/cm	mS/cm
Brandt Bridge	<=0.7 mS/cm	0.9 mS/cm
Old River Near Tracy	<=0.7 mS/cm	1.1 mS/cm
Old River Near Middle River	<=0.7 mS/cm	0.9 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates :	0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status :	In
Boat Lock Status :	Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Apr 1, 2014)

Previous Month's Index (8RI for Mar): 2.050 MAF

Water Year Type: Critical

Sacramento valley water year type index (40/30/30) @ 50%: 4.1 MAF (Critical)

San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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
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BR : Below Rating
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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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
b = balanced Delta conditions
r = excess Delta conditions with restrictions:

* 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
03/16/2014	5.03	3.57	9,130	16.30	12.89	12.09	2.58	2.15	2.42	0.64	0.90
03/17/2014	5.15	3.63	7,726	18.12	13.28	11.78	3.11	2.64	2.24	0.88	0.79
03/18/2014	5.35	3.70	6,030	17.77	14.38	11.71	3.52	3.03	2.16	1.12	0.74
03/19/2014	5.49	3.70	5,513	18.42	15.47	11.78	4.01	3.49	2.15	1.32	0.73
03/20/2014	5.63	3.87	4,969	18.60	16.01	11.98	4.76	4.22	2.23	1.92	0.76
03/21/2014	5.87	4.01	5,441	20.47	17.95	12.47	5.84	5.29	2.46	2.70	0.89
03/22/2014	5.98	4.04	5,277	20.87	18.24	13.14	5.92	5.38	2.74	2.94	1.06
03/23/2014	5.90	4.03	5,703	19.49	17.84	13.86	5.73	5.19	3.03	2.95	1.24
03/24/2014	5.74	4.00	5,860	19.64	18.00	14.50	5.65	5.10	3.30	2.82	1.41
03/25/2014	5.78	4.01	5,288	21.25	19.01	15.28	6.82	6.29	3.65	2.93	1.59
03/26/2014	5.88	4.07	4,477	20.91	19.41	15.99	6.47	5.93	3.99	3.11	1.78
03/27/2014	5.60	3.89	6,548	20.18	18.72	16.34	6.25	5.71	4.23	2.85	1.95
03/28/2014	5.45	3.76	8,018	20.07	18.32	16.63	6.06	5.52	4.44	2.84	2.11
03/29/2014	5.57	3.93	8,055	20.89	18.50	17.00	6.72	6.18	4.72	3.02	2.29
03/30/2014	5.76	3.95	12,141	20.02	18.61	17.41	6.64	6.11	5.01	3.15	2.47
03/31/2014	5.73	3.94	13,961	20.34	18.51	17.78	6.34	5.80	5.23	2.77	2.60
04/01/2014	6.01	4.12	13,445	19.99	18.46	18.07	5.92	5.38	5.40	2.57	2.71
04/02/2014	6.06	4.03	20,026	18.64	16.21	18.13	5.05	4.51	5.47	2.23	2.77
04/03/2014	5.92	4.03	21,503	17.57	15.54	18.09	4.61	4.08	5.46	1.90	2.77
04/04/2014	5.92	3.76	16,505	17.27	14.71	17.86	4.24	3.72	5.35	1.71	2.70
04/05/2014	5.49	3.84	15,432	15.06	13.26	17.51	3.58	3.09	5.19	1.42	2.59
04/06/2014	5.06	3.65	12,690	14.84	12.04	17.09	2.99	2.53	5.00	1.08	2.46
04/07/2014	4.84	3.61	8,065	15.53	11.84	16.65	2.85	2.40	4.80	1.03	2.33
04/08/2014	4.77	3.65	6,589	16.45	12.54	16.19	3.49	3.00	4.57	1.02	2.19
04/09/2014	5.13	3.87	5,454	19.21	16.78	16.00	5.29	4.75	4.48	2.07	2.12
04/10/2014	5.18	3.89	4,624	22.53	18.27	15.97	6.47	5.93	4.50	2.28	2.08
04/11/2014	5.35	4.02	4,324	20.74	19.74	16.07	6.60	6.06	4.54	3.00	2.09
04/12/2014	5.64	4.25	3,729	24.07	20.98	16.25	7.82	7.31	4.82	3.92	2.15
04/13/2014	5.86	4.11	4,323	22.47	19.80	16.33	7.33	6.81	4.67	3.61	2.19
04/14/2014	5.80	4.05	5,281	22.08	18.75	16.35	7.16	6.64	4.73	3.75	2.26

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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	Baldon Landing	Collinsville
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC
03/16/2014	0.63	0.84	0.44	0.52	0.24	0.27	0.94	9.74	2.84	2.63	1.45	0.61
03/17/2014	0.69	0.79	0.45	0.51	0.24	0.26	0.93	8.72	2.98	2.34	1.49	1.43
03/18/2014	0.71	0.75	0.44	0.49	0.23	0.25	0.89	8.02	2.78	2.44	1.35	1.50
03/19/2014	0.77	0.73	0.44	0.49	0.25	0.24	0.91	7.82	2.70	2.46	1.33	2.01
03/20/2014	0.90	0.71	0.44	0.48	0.28	0.24	0.89	8.21	2.61	2.46	1.47	2.49
03/21/2014	1.08	0.73	0.46	0.47	0.34	0.25	0.88	7.88	2.68	2.57	1.67	3.80
03/22/2014	1.14	0.75	0.47	0.46	0.38	0.26	0.86	7.80	2.91	2.87	1.87	3.47
03/23/2014	1.21	0.78	0.46	0.46	0.41	0.27	0.90	8.21	3.05	3.19	2.30	3.76
03/24/2014	1.19	0.82	0.46	0.46	0.42	0.28	0.87	8.10	3.47	3.66	3.01	3.61
03/25/2014	1.43	0.87	0.46	0.46	0.48	0.30	0.90	8.23	4.33	4.03	3.53	3.80
03/26/2014	1.37	0.93	0.46	0.45	0.51	0.32	0.92	8.33	4.36	4.36	3.58	3.91
03/27/2014	1.29	0.98	0.44	0.45	0.46	0.34	0.89	8.61	4.08	4.27	3.52	3.81
03/28/2014	1.20	1.02	0.44	0.45	0.43	0.35	0.77	9.26	3.79	4.12	3.48	3.86
03/29/2014	1.39	1.07	0.46	0.45	0.53	0.37	0.75	9.09	3.74	4.08	3.55	4.00
03/30/2014	1.38	1.12	0.45	0.45	0.53	0.39	0.79	8.99	3.77	4.19	3.50	4.44
03/31/2014	1.36	1.17	0.45	0.45	0.48	0.41	0.73	9.09	3.59	4.02	3.31	3.60
04/01/2014	1.37	1.22	0.46	0.45	0.44	0.42	0.71	8.43	4.10	4.81	3.66	3.69
04/02/2014	1.20	1.25	0.45	0.45	0.34	0.43	0.40	8.74	3.40	4.22	3.45	2.73
04/03/2014	1.08	1.26	0.45	0.45	0.31	0.43	0.45	8.91	3.17	3.97	3.32	2.69
04/04/2014	1.03	1.26	0.44	0.45	0.30	0.43	0.56	9.31	2.41	3.98	2.91	1.84
04/05/2014	0.86	NC	0.43	0.45	0.28	0.42	0.62	9.31	3.53	3.61	2.76	1.75
04/06/2014	0.75	NC	0.42	0.45	0.27	0.41	0.68	9.47	3.60	3.61	2.54	1.42
04/07/2014	0.71	NC	0.42	0.44	0.26	0.40	0.72	9.44	3.73	3.51	2.40	1.35
04/08/2014	0.73	NC	0.41	0.44	0.27	0.39	0.74	8.30	3.89	3.52	2.17	1.30
04/09/2014	0.81	NC	0.44	0.44	0.30	0.37	0.85	7.26	3.43	3.37	1.92	3.07
04/10/2014	0.99	NC	0.43	0.44	0.29	0.36	0.86	7.08	3.46	3.63	1.68	3.75
04/11/2014	1.07	NC	0.45	0.44	0.30	0.35	0.83	7.03	3.61	3.92	1.71	3.50
04/12/2014	1.33	NC	0.46	0.44	0.38	0.34	0.80	7.31	4.13	4.16	2.32	4.66
04/13/2014	1.40	NC	0.47	0.44	0.38	0.33	0.81	7.61	4.70	4.24	2.78	4.95
04/14/2014	1.38	1.05	0.47	0.44	0.39	0.32	0.80	8.01	4.87	4.35	3.24	4.47

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 mdCI	Bacon Island mdCI	Contra Costa mdCI	Delta Status
03/16/2014	0.44	0.62	0.46	0.45	0.91	0.56	0.69	130	80	186	r
03/17/2014	0.46	0.59	0.45	0.44	0.91	0.54	0.60	148	77	187	r
03/18/2014	0.45	0.57	0.44	0.43	0.92	0.54	0.58	157	75	187	b
03/19/2014	0.44	0.56	0.44	0.43	0.94	0.55	0.56	176	74	188	b
03/20/2014	0.43	0.55	0.43	0.43	0.94	0.52	0.55	216	73	188	b
03/21/2014	0.42	0.54	0.43	0.42	0.90	0.51	0.52	273	72	185	b
03/22/2014	0.43	0.53	0.43	0.42	0.88	0.51	0.54	293	72	185 e	b
03/23/2014	0.43	0.52	0.43	0.42	0.86	0.51	0.58	314	72	185 e	b
03/24/2014	0.43	0.53	0.43	0.43	0.84	0.54	0.61	307	73	174	b
03/25/2014	0.43	0.52	0.42	0.42	0.82	0.54	0.62	386	73	168	b
03/26/2014	0.42	0.52	0.42	0.42	0.80	0.55	0.62	366	72	154	b
03/27/2014	0.42	0.52	0.42	0.42	0.79	0.56	0.63	341	72	153	b
03/28/2014	0.41	0.52	0.42	0.43	0.75	0.56	0.65	311	73	152	b
03/29/2014	0.40	0.51	0.42	0.43	0.71	0.55	0.63	372	73	140	b
03/30/2014	0.41	0.51	0.42	0.42	0.68	0.56	0.61	369	73	132	b
03/31/2014	0.40	0.50	0.42	0.42	0.63	0.60	0.64	363	72	132	b
04/01/2014	0.36	0.50	0.41	0.42	0.55	0.57	0.63	367	72	109	r
04/02/2014	0.39	0.50	0.41	0.41	0.50	0.52	0.52	311	70	90	r
04/03/2014	0.40	0.50	0.41	0.41	0.47	0.49	0.50	273	68	80	r
04/04/2014	0.38	0.49	0.41	0.40	0.45	0.47	0.49	257	67	68	r
04/05/2014	0.39	0.49	0.41	0.40	0.45	0.47	0.51	NR	65	68 e	r
04/06/2014	0.40	0.49	0.40	0.39	0.46	0.50	0.52	NR	64	68 e	r
04/07/2014	0.40	0.49	0.41	0.39	0.45	0.47	0.51	156	64	65	r
04/08/2014	0.39	0.49	0.40	0.39	0.45	0.50	0.50	162	63	64	r
04/09/2014	0.39	0.49	0.39	0.39	0.44	0.46	0.45	187	62	61	r
04/10/2014	0.38	0.47	0.39	0.38	0.43	0.45	0.45	246	62	60	r
04/11/2014	0.38	0.47	0.38	0.38	0.42	0.46	0.46	272	60	59	r
04/12/2014	0.39	0.45	0.38	0.37	0.41	0.44	0.44	354	59	59 a	r
04/13/2014	0.39	0.46	0.38	0.37	0.41	0.45	0.47	376	58	59 e	b
04/14/2014	0.39	0.47	0.39	0.37	0.41	0.45	0.50	369	58	55	b

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 mdCI are calculated from the respective mdEC values.

Coordinated Operation Agreement Delta Status:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
03/16/2014	0.92	0.98	0.99	0.93	1.15	1.27	0.91	1.02
03/17/2014	0.90	0.98	1.04	0.93	1.17	1.27	0.90	1.01
03/18/2014	0.87	0.97	1.04	0.94	1.11	1.26	0.89	1.00
03/19/2014	0.82	0.97	1.06	0.94	1.07	1.26	0.89	1.01
03/20/2014	0.73	0.96	1.10	0.95	1.08	1.25	0.88	1.01
03/21/2014	0.69	0.95	1.13	0.95	1.10	1.24	0.87	1.00
03/22/2014	0.64	0.94	1.13	0.96	1.12	1.23	0.85	1.00
03/23/2014	0.65	0.93	1.12	0.96	1.13	1.23	0.80	0.99
03/24/2014	0.68	0.92	1.08	0.97	1.14	1.22	0.76	0.98
03/25/2014	0.59	0.92	1.04	0.97	1.14	1.21	0.73	0.97
03/26/2014	0.52	0.91	1.02	0.97	1.14	1.20	0.71	0.96
03/27/2014	0.49	0.90	0.97	0.97	1.09	1.19	0.73	0.95
03/28/2014	0.45	0.89	0.91	0.96	1.06	1.18	0.70	0.94
03/29/2014	NR	NC	0.89	0.96	1.03	1.17	0.66	0.93
03/30/2014	NR	NC	0.87	0.96	1.03	1.16	0.82	0.92
03/31/2014	0.83	NC	0.80	0.95	1.01	1.15	0.59	0.92
04/01/2014	0.93	NC	0.74	0.95	0.98	1.15	0.65	0.91
04/02/2014	0.97	NC	0.73	0.94	0.92	1.14	0.81	0.91
04/03/2014	0.97	NC	0.72	0.94	0.94	1.14	0.87	0.91
04/04/2014	1.05	NC	0.73	0.93	0.98	1.14	0.94	0.90
04/05/2014	1.10	NC	0.72	0.93	1.00	1.13	0.94	0.90
04/06/2014	1.14	NC	0.73	0.93	1.06	1.13	1.03	0.89
04/07/2014	1.20	NC	0.74	0.92	1.10	1.12	1.08	0.89
04/08/2014	1.22	NC	0.76	0.92	1.18	1.12	1.10	0.88
04/09/2014	1.16	NC	0.83	0.92	1.21	1.11	1.12	0.88
04/10/2014	1.01	NC	1.00	0.92	1.23	1.11	1.16	0.88
04/11/2014	0.86	NC	1.11	0.93	1.24	1.11	1.18	0.88
04/12/2014	0.77	NC	1.14	0.93	1.26	1.11	1.16	0.88
04/13/2014	0.75	NC	1.11	0.94	1.26	1.10	1.03	0.88
04/14/2014	0.77	NC	0.92	0.94	1.25	1.11	0.85	0.88

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Thursday, April 24, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	27 %

Habitat Protection, X2 / Flow	25 days at Chipps Island	7 days
	30 days at Collinsville	16 days

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	93 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	55 mg/l

Maximum 30 day running average of mean daily EC at:

Vernalis	<=0.7 mS/cm	mS/cm
Brandt Bridge	<=0.7 mS/cm	0.7 mS/cm
Old River Near Tracy	<=0.7 mS/cm	1.2 mS/cm
Old River Near Middle River	<=0.7 mS/cm	0.7 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates :	0 Open / 0 Closed / 3 Full Tide Open
Flashboard Status :	In
Boat Lock Status :	Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, Apr 1, 2014)

Previous Month's Index (8RI for Mar): 2.050 MAF

Water Year Type: Critical

Sacramento valley water year type index (40/30/30) @ 50%: 4.1 MAF (Critical)

San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

* 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
03/26/2014	5.88	4.07	4,477	20.91	19.41	15.99	6.47	5.93	3.99	3.11	1.78
03/27/2014	5.60	3.89	6,548	20.18	18.72	16.34	6.25	5.71	4.23	2.85	1.95
03/28/2014	5.45	3.76	8,018	20.07	18.32	16.63	6.06	5.52	4.44	2.84	2.11
03/29/2014	5.57	3.93	8,055	20.89	18.50	17.00	6.72	6.18	4.72	3.02	2.29
03/30/2014	5.76	3.95	12,141	20.02	18.61	17.41	6.64	6.11	5.01	3.15	2.47
03/31/2014	5.73	3.94	13,961	20.34	18.51	17.78	6.34	5.80	5.23	2.77	2.60
04/01/2014	6.01	4.12	13,445	19.99	18.46	18.07	5.92	5.38	5.40	2.57	2.71
04/02/2014	6.06	4.03	20,026	18.64	16.21	18.13	5.05	4.51	5.47	2.23	2.77
04/03/2014	5.92	4.03	21,503	17.57	15.54	18.09	4.61	4.08	5.46	1.90	2.77
04/04/2014	5.92	3.76	16,505	17.27	14.71	17.86	4.24	3.72	5.35	1.71	2.70
04/05/2014	5.49	3.84	15,432	15.06	13.26	17.51	3.58	3.09	5.19	1.42	2.59
04/06/2014	5.06	3.65	12,690	14.84	12.04	17.09	2.99	2.53	5.00	1.08	2.46
04/07/2014	4.84	3.61	8,065	15.53	11.84	16.65	2.85	2.40	4.80	1.03	2.33
04/08/2014	4.77	3.65	6,589	16.45	12.54	16.19	3.49	3.00	4.57	1.02	2.19
04/09/2014	5.13	3.87	5,454	19.21	16.78	16.00	5.29	4.75	4.48	2.07	2.12
04/10/2014	5.18	3.89	4,624	22.53	18.27	15.97	6.47	5.93	4.50	2.28	2.08
04/11/2014	5.35	4.02	4,324	20.74	19.74	16.07	6.60	6.06	4.54	3.00	2.09
04/12/2014	5.64	4.25	3,729	24.07	20.98	16.25	7.82	7.31	4.62	3.92	2.15
04/13/2014	5.86	4.11	4,323	22.47	19.80	16.33	7.33	6.81	4.67	3.61	2.19
04/14/2014	5.80	4.05	5,281	22.08	18.75	16.35	7.16	6.84	4.73	3.75	2.26
04/15/2014	5.91	4.05	6,255	22.19	17.84	16.31	7.37	6.85	4.83	3.92	2.35
04/16/2014	6.03	4.07	4,751	22.07	17.22	16.38	7.58	7.07	5.02	4.16	2.49
04/17/2014	6.11	4.22	6,006	22.45	15.34	16.36	8.14	7.64	5.27	4.34	2.66
04/18/2014	6.21	4.23	4,710	23.21	11.37	16.12	8.31	7.82	5.56	4.71	2.88
04/19/2014	6.27	4.29	5,558	23.23	8.69	15.80	8.65	8.18	5.93	4.99	3.13
04/20/2014	5.94	4.05	5,429	21.95	6.15	15.38	7.64	7.13	6.26	4.30	3.36
04/21/2014	5.90	4.16	5,697	21.75	4.44	14.85	7.82	7.32	6.61	4.54	3.61
04/22/2014	5.85	4.28	4,634	22.62	3.14	14.18	8.82	8.36	6.99	4.83	3.89
04/23/2014	5.23	3.81	5,324	20.26	1.92	13.12	7.60	7.09	7.16	3.94	4.02
04/24/2014	5.26	3.76	6,281	20.68	1.99	11.95	7.46	6.94	7.23	3.86	4.13

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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
03/26/2014	1.37	0.93	0.46	0.45	0.51	0.32	0.92	8.33	4.36	4.36	3.58	3.91
03/27/2014	1.29	0.98	0.44	0.45	0.46	0.34	0.89	8.61	4.08	4.27	3.52	3.81
03/28/2014	1.20	1.02	0.44	0.45	0.43	0.35	0.77	9.26	3.79	4.12	3.48	3.86
03/29/2014	1.39	1.07	0.46	0.45	0.53	0.37	0.75	9.09	3.74	4.08	3.55	4.00
03/30/2014	1.38	1.12	0.45	0.45	0.53	0.39	0.79	8.99	3.77	4.19	3.50	4.44
03/31/2014	1.36	1.17	0.45	0.45	0.48	0.41	0.73	9.09	3.59	4.02	3.31	3.60
04/01/2014	1.37	1.22	0.46	0.45	0.44	0.42	0.71	8.43	4.10	4.81	3.66	3.69
04/02/2014	1.20	1.25	0.45	0.45	0.34	0.43	0.40	8.74	3.40	4.22	3.45	2.73
04/03/2014	1.08	1.26	0.45	0.45	0.31	0.43	0.45	8.91	3.17	3.97	3.32	2.69
04/04/2014	1.03	1.26	0.44	0.45	0.30	0.43	0.56	9.31	2.41	3.98	2.91	1.84
04/05/2014	0.86	1.24	0.43	0.45	0.28	0.42	0.62	9.31	3.53	3.61	2.76	1.75
04/06/2014	0.76	1.21	0.42	0.45	0.27	0.41	0.68	9.47	3.60	3.61	2.54	1.42
04/07/2014	0.71	1.17	0.42	0.44	0.26	0.40	0.72	9.44	3.73	3.51	2.40	1.35
04/08/2014	0.73	1.12	0.41	0.44	0.27	0.39	0.74	8.30	3.89	3.52	2.17	1.30
04/09/2014	0.81	1.08	0.44	0.44	0.30	0.37	0.85	7.26	3.43	3.37	1.92	3.07
04/10/2014	0.99	1.06	0.43	0.44	0.29	0.36	0.86	7.06	3.46	3.63	1.68	3.75
04/11/2014	1.07	1.06	0.45	0.44	0.30	0.35	0.83	7.03	3.61	3.92	1.71	3.50
04/12/2014	1.33	1.05	0.48	0.44	0.38	0.34	0.80	7.31	4.13	4.16	2.32	4.66
04/13/2014	1.40	1.05	0.47	0.44	0.38	0.33	0.81	7.61	4.70	4.24	2.78	4.95
04/14/2014	1.38	1.05	0.47	0.44	0.39	0.32	0.80	8.01	4.87	4.35	3.24	4.47
04/15/2014	1.48	1.06	0.48	0.45	0.43	0.32	0.81	8.38	4.86	4.87	4.11	5.39
04/16/2014	1.57	1.08	0.50	0.45	0.52	0.33	0.85	8.67	4.83	5.12	4.19	5.28
04/17/2014	1.80	1.14	0.50	0.45	0.63	0.36	0.83	8.72	5.00	5.26	4.16	5.80
04/18/2014	1.90	1.20	0.52	0.46	0.77	0.39	0.85	8.96	5.11	5.03	4.21	5.50
04/19/2014	2.07	1.28	0.53	0.46	0.90	0.43	0.83	9.27	5.34	5.26	4.37	5.96
04/20/2014	1.80	1.38	0.50	0.47	0.72	0.47	0.80	9.60	5.14	5.07	4.56	5.76
04/21/2014	1.93	1.45	0.50	0.48	0.75	0.50	0.80	9.60	5.37	5.12	4.89	6.17
04/22/2014	2.24	1.55	0.55	0.49	0.90	0.55	0.81	9.29	2.73	4.54	5.13	6.82
04/23/2014	1.73	1.62	0.47	0.49	0.59	0.57	0.77	9.40	NR	5.99	4.91	4.80
04/24/2014	1.67	1.67	0.47	0.49	0.64	0.59	0.78	9.98	e	5.84	4.96	5.38

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
03/26/2014	0.42	0.52	0.42	0.42	0.80	0.55	0.62	368	72	154	b
03/27/2014	0.42	0.52	0.42	0.42	0.79	0.56	0.63	341	72	153	b
03/28/2014	0.41	0.52	0.42	0.43	0.75	0.56	0.65	311	73	152	b
03/29/2014	0.40	0.51	0.42	0.43	0.71	0.55	0.63	372	73	140	b
03/30/2014	0.41	0.51	0.42	0.42	0.68	0.56	0.61	369	73	132	b
03/31/2014	0.40	0.50	0.42	0.42	0.63	0.60	0.64	363	72	132	b
04/01/2014	0.36	0.50	0.41	0.42	0.55	0.57	0.63	367	72	109	r
04/02/2014	0.39	0.50	0.41	0.41	0.50	0.52	0.52	311	70	90	r
04/03/2014	0.40	0.50	0.41	0.41	0.47	0.49	0.50	273	68	80	r
04/04/2014	0.38	0.49	0.41	0.40	0.45	0.47	0.49	257	67	68	r
04/05/2014	0.39	0.49	0.41	0.40	0.45	0.47	0.51	204	65	67	r
04/06/2014	0.40	0.49	0.40	0.39	0.46	0.50	0.52	168	64	67	r
04/07/2014	0.40	0.49	0.41	0.39	0.45	0.47	0.51	158	64	65	r
04/08/2014	0.39	0.49	0.40	0.39	0.45	0.50	0.50	162	63	64	r
04/09/2014	0.39	0.49	0.39	0.39	0.44	0.46	0.45	187	62	61	r
04/10/2014	0.38	0.47	0.39	0.38	0.43	0.45	0.45	246	62	60	r
04/11/2014	0.38	0.47	0.38	0.38	0.42	0.46	0.46	272	60	59	r
04/12/2014	0.39	0.45	0.38	0.37	0.41	0.44	0.44	354	59	58	r
04/13/2014	0.39	0.46	0.38	0.37	0.41	0.45	0.47	376	58	56	b
04/14/2014	0.39	0.47	0.39	0.37	0.41	0.45	0.50	369	58	55	b
04/15/2014	0.39	0.48	0.39	0.37	0.41	0.46	0.53	401	59	54	b
04/16/2014	0.40	0.49	0.39	0.38	0.40	0.50	0.51	429	60	53	b
04/17/2014	0.40	0.48	0.40	0.38	0.40	0.49	0.46	504	60	52	b
04/18/2014	0.41	0.48	0.40	0.38	0.39	0.51	0.55	534	61	51	b
04/19/2014	0.41	0.48	0.40	0.38	0.39	0.49	0.51	590	62	52	b
04/20/2014	0.41	0.47	0.40	0.39	0.40	0.48	0.51	502	62	52	b
04/21/2014	0.41	0.48	0.40	0.39	0.40	0.46	0.49	543	63	53	b
04/22/2014	0.41	0.48	0.39	0.38	0.40	0.45	0.45	643	62	54	b
04/23/2014	0.41	0.48	0.39	0.39	0.40	0.45	0.43	482	63	54	b
04/24/2014	0.41	0.49	0.39	0.39	0.41	0.43	0.41	483	63	55	b

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:
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
03/26/2014	0.52	0.91	1.02	0.97	1.14	1.20	0.71	0.98
03/27/2014	0.49	0.90	0.97	0.97	1.09	1.19	0.73	0.95
03/28/2014	0.45	0.89	0.91	0.96	1.06	1.18	0.70	0.94
03/29/2014	NR	NC	0.89	0.96	1.03	1.17	0.66	0.93
03/30/2014	NR	NC	0.87	0.96	1.03	1.16	0.62	0.92
03/31/2014	0.83	NC	0.80	0.95	1.01	1.15	0.59	0.92
04/01/2014	0.93	NC	0.74	0.95	0.98	1.15	0.65	0.91
04/02/2014	0.97	NC	0.73	0.94	0.92	1.14	0.81	0.91
04/03/2014	0.97	NC	0.72	0.94	0.94	1.14	0.87	0.91
04/04/2014	1.05	NC	0.73	0.93	0.88	1.14	0.94	0.90
04/05/2014	1.10	NC	0.72	0.93	1.00	1.13	0.94	0.90
04/06/2014	1.14	NC	0.73	0.93	1.06	1.13	1.03	0.89
04/07/2014	1.20	NC	0.74	0.92	1.10	1.12	1.08	0.89
04/08/2014	1.22	NC	0.76	0.92	1.18	1.12	1.10	0.88
04/09/2014	1.18	NC	0.83	0.92	1.21	1.11	1.12	0.88
04/10/2014	1.01	NC	1.00	0.92	1.23	1.11	1.16	0.88
04/11/2014	0.86	NC	1.11	0.93	1.24	1.11	1.18	0.88
04/12/2014	0.77	NC	1.14	0.93	1.26	1.11	1.16	0.88
04/13/2014	0.75	NC	1.11	0.94	1.26	1.10	1.03	0.88
04/14/2014	0.77	NC	0.92	0.94	1.25	1.11	0.85	0.88
04/15/2014	0.70	NC	0.77	0.93	1.27	1.11	0.73	0.87
04/16/2014	0.36	NC	0.70	0.92	1.29	1.11	0.70	0.87
04/17/2014	0.35	NC	0.58	0.90	1.29	1.12	0.66	0.86
04/18/2014	0.24	NC	0.27	0.88	1.26	1.13	0.34	0.84
04/19/2014	0.15	NC	0.23	0.85	1.28	1.13	0.26	0.82
04/20/2014	0.16	NC	0.14	0.82	1.29	1.14	0.15	0.80
04/21/2014	0.19	NC	0.15	0.78	1.28	1.14	0.16	0.77
04/22/2014	0.16	NC	0.18	0.75	1.22	1.15	0.17	0.75
04/23/2014	0.12	NC	0.16	0.72	1.20	1.15	0.18	0.73
04/24/2014	0.09	NC	0.13	0.69	1.17	1.15	0.14	0.71

Electrical Conductivity (EC) units: millisiemens per centimeter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh

Tuesday, June 03, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	13 %
NDOI, 14 day average*	>= 4,000 cfs	

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	123 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	79 mg/l
14dm EC at Threemile Slough at Sac	<= 2.78 mS/cm	1.57 mS/cm
14dm EC at Jersey Point	<= 2.20 mS/cm	1.44 mS/cm
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=0.7 mS/cm	0.2 mS/cm
Brandt Bridge	<=0.7 mS/cm	0.3 mS/cm
Old River Near Tracy	<=0.7 mS/cm	1.0 mS/cm
Old River Near Middle River	<=0.7 mS/cm	0.3 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 0 Open / 0 Closed / 3 Full Tide Open
 Flashboard Status : In
 Boat Lock Status : Open

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, May 1, 2014)

Previous Month's Index (BRI for Apr): 1.712 MAF

Water Year Type: Critical

Sacramento valley water year type index (40/30/30) @ 50%: 4.0 MAF (Critical)

San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:

(Note: below label begins on October 1, 2013)

c = excess Delta conditions

b = balanced Delta conditions

r = excess Delta conditions with restrictions:

* 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	Chipps Island		Collinsville	
	High	Half			mdEC	14dm		mdEC	14dm	mdEC	14dm
05/05/2014	5.45	4.17	4,476	23.19	16.64	9.49	10.00	9.80	8.18	6.13	4.91
05/06/2014	5.06	3.92	3,943	22.08	15.43	10.37	9.43	8.99	8.23	5.61	4.97
05/07/2014	5.11	3.74	4,277	22.48	15.71	11.36	9.19	8.74	8.34	5.24	5.06
05/08/2014	5.25	3.74	3,520	23.77	15.93	12.35	9.32	8.88	8.48	5.23	5.16
05/09/2014	5.33	3.70	3,013	23.42	16.51	13.39	9.79	9.37	8.61	5.68	5.28
05/10/2014	5.48	3.68	3,438	23.84	16.46	14.43	9.78	9.37	8.73	5.75	5.36
05/11/2014	5.38	3.55	4,515	23.09	14.23	15.31	9.01	8.55	8.80	5.74	5.47
05/12/2014	5.53	3.62	4,437	24.14	16.99	15.87	9.42	8.98	8.93	5.94	5.59
05/13/2014	5.72	3.68	4,313	25.00	17.61	16.13	10.17	9.77	9.14	6.26	5.74
05/14/2014	5.91	3.82	4,025	25.35	18.42	16.42	11.07	10.74	9.35	6.95	5.90
05/15/2014	6.22	4.08	3,746	26.55	18.80	16.64	12.35	12.12	9.60	8.19	6.11
05/16/2014	6.36	4.25	2,927	27.33	19.67	16.89	13.39	13.25	9.89	9.27	6.35
05/17/2014	6.47	4.31	3,476	28.58	21.44	17.20	14.33	14.28	10.20	9.61	6.58
05/18/2014	6.36	4.36	3,741	28.63	19.43	17.38	14.38	14.34	10.50	9.69	6.81
05/19/2014	6.16	4.31	3,389	28.32	20.85	17.68	14.16	14.10	10.82	9.64	7.06
05/20/2014	5.81	4.16	3,511	27.56	19.88	17.99	13.48	13.34	11.13	8.90	7.29
05/21/2014	5.61	4.03	4,150	25.70	19.91	18.29	12.67	12.47	11.40	8.43	7.52
05/22/2014	5.80	4.05	3,538	26.05	18.41	18.47	12.98	12.80	11.68	8.36	7.74
05/23/2014	6.01	4.15	3,340	26.48	19.83	18.71	13.65	13.54	11.97	9.39	8.01
05/24/2014	6.07	4.15	3,223	27.41	16.55	18.71	13.97	13.88	12.30	9.71	8.29
05/25/2014	6.20	4.18	3,393	27.90	20.36	19.15	13.90	13.81	12.67	9.96	8.60
05/26/2014	6.28	4.20	3,665	27.98	20.24	19.38	14.17	14.10	13.04	10.05	8.89
05/27/2014	6.27	4.19	3,615	28.16	21.26	19.65	14.58	14.55	13.38	10.40	9.18
05/28/2014	6.26	4.04	3,611	27.61	19.33	19.71	14.08	14.01	13.61	9.80	9.39
05/29/2014	6.13	4.13	4,288	27.91	20.56	19.84	13.96	13.88	13.74	9.14	9.45
05/30/2014	6.27	4.31	3,924	28.60	21.25	19.95	14.76	14.76	13.85	10.48	9.54
05/31/2014	6.19	4.25	3,948	28.32	20.55	19.89	14.73	14.72	13.88	10.47	9.60
06/01/2014	6.06	4.34	4,232	27.92	19.37	19.88	14.57	14.54	13.89	10.43	9.85
06/02/2014	6.09	4.52	3,978	29.39	21.13	19.90	15.70	15.80	14.01	10.99	9.75
06/03/2014	5.66	4.29	3,407	28.79	19.74	19.89	14.47	14.43	14.09	9.93	9.82

Antioch Tides measured in feet above mean sea level.
 Net Delta Outflow Index calculated from equation as specified in D-1641, revised June 1995.
 Chipps 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		Threemile Slough		Cache Slough	Good Year Slough	Sunrise Club	Volant Slough	Beldon Landing	Collinsville
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC
05/05/2014	3.03	2.32	0.67	0.55	0.63		NC 0.40	8.95	6.18	6.25	6.11	7.91
05/06/2014	2.65	2.35	0.62	0.56	0.57		NC 0.39	9.08	-0.01 m	6.50	6.57	6.70
05/07/2014	2.35	2.39	0.56	0.57	0.52		NC 0.40	9.29	6.77	6.83	6.61	6.35
05/08/2014	2.50	2.45	0.56	0.57	0.54		NC 0.43	9.46	6.74	3.65	6.64	6.60
05/09/2014	2.65	2.50	0.57	0.58	0.57		NC 0.52	9.64	6.81	6.59	6.16	7.24
05/10/2014	2.72	2.56	0.58	0.58	0.63		NC 0.56	9.83	6.75	6.91	5.86	7.36
05/11/2014	2.35	2.59	0.55	0.59	0.54	0.57	0.52	10.00	6.60	6.98	6.05	6.55
05/12/2014	2.63	2.64	0.58	0.59	0.59	0.58	0.52	10.17	7.23	7.45	6.30	7.26
05/13/2014	2.97	2.72	0.61	0.60	0.72 e	0.80	0.52	10.29	7.30	7.19	6.39	8.42
05/14/2014	3.46	2.81	0.70	0.61	0.84	0.63	0.44	10.25	7.82	7.35	6.59	8.85
05/15/2014	4.23	2.92	0.83	0.63	1.04	0.66	0.40	10.34	8.19	7.77	6.87	10.64
05/16/2014	4.77	3.06	1.00	0.66	1.30	0.71	0.42	10.55	8.44	7.87	6.70	11.14
05/17/2014	5.19	3.21	1.12	0.69	1.54	0.77	0.41	11.09	8.33	7.61	7.31	11.19
05/18/2014	5.64	3.37	1.24	0.73	1.62	0.83	0.42	11.67	8.58	7.09	8.01	11.56
05/19/2014	5.43	3.54	1.21	0.77	1.53	0.90	0.52	11.97	8.86	7.93	8.70	11.71
05/20/2014	5.03	3.71	1.12	0.80	1.32	0.95	0.50	12.25	9.31	8.57	9.47	10.94
05/21/2014	4.40	3.65	1.01	0.83	1.12	0.99	0.54	12.32	10.27	8.59	9.72	10.52
05/22/2014	4.53	4.00	1.05	0.87	1.16	1.04	0.50	12.38	10.21	9.62	9.55	10.80
05/23/2014	4.85	4.16	1.15	0.91	1.35	1.09	0.51	12.60	10.75	10.10	9.05	11.40
05/24/2014	5.13	4.33	1.22	0.96	1.49	1.15	0.46	12.81	10.47	10.10	9.08	11.53
05/25/2014	5.20	4.53	1.25	1.01	1.58	1.23	0.41	12.98	10.48	9.95	9.10	11.44
05/26/2014	5.40	4.73	1.35	1.06	1.66	1.30	0.39	13.18	10.32	10.14	9.55	11.68
05/27/2014	5.60	4.92	1.37	1.12	1.74	1.38	0.36	13.27	10.23	10.33	9.96	12.16
05/28/2014	5.62	5.07	1.40	1.17	1.66	1.44	0.33	13.44	9.71	10.21	10.12	11.48
05/29/2014	5.60	5.17	1.31	1.20	1.58	1.47	0.34	13.40	9.79	10.50	10.62	11.82
05/30/2014	6.25	5.28	1.66	1.25	1.80	1.51	0.33	13.38	10.32	10.36	10.33	12.31
05/31/2014	6.13	5.34	1.76	1.29	1.80	1.53	0.34	13.49	9.41	9.92	10.12	12.01
06/01/2014	6.17	5.38	1.82	1.33	1.69	1.53	0.41	13.59	9.85	10.12	10.24	12.19
06/02/2014	6.68	5.47	2.11	1.40	1.87	1.56	0.43	13.60	9.69	9.64	10.57	12.99
06/03/2014	6.01	5.54	1.74	1.44	1.55	1.57	0.44	13.67	9.95	10.27	10.99	11.86

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	Emmerton mdEC	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
05/05/2014	1.52	0.43	0.53	0.42	0.41	0.42	0.47	0.44	898	69	61	b
05/06/2014	1.25	0.44	0.54	0.43	0.41	0.42	0.46	0.44	773	70	61	b
05/07/2014	1.15	0.44	0.54	0.43	0.42	0.42	0.46	0.43	679	71	61	b
05/08/2014	1.21	0.44	0.54	0.44	0.42	0.42	0.46	0.43	726	72	61	b
05/09/2014	1.25	0.45	0.55	0.44	0.42	0.43	0.45	0.45	774	72	65	b
05/10/2014	1.25	0.46	0.55	0.44	0.43	0.43	0.47	0.46	786	73	62	b
05/11/2014	1.01	0.46	0.54	0.44	0.43	0.43	0.48	0.47	678	73	62	b
05/12/2014	1.30	0.45	0.55	0.44	0.43	0.43	0.48	0.46	766	74	63	b
05/13/2014	1.59	0.45	0.55	0.44	0.43	0.44	0.48	0.46	877	75	63	b
05/14/2014	1.89	0.46	0.55	0.44	0.43	0.47	0.48	0.46	1,033	75	64	b
05/15/2014	2.34	0.46	0.56	0.44	0.43	0.49	0.48	0.47	1,279	75	68	b
05/16/2014	2.93	0.48	0.57	0.45	0.43	0.51	0.48	0.47	1,449	75	70	b
05/17/2014	3.40	0.49	0.58	0.45	0.43	0.52	0.48	0.47	1,583	74	73	b
05/18/2014	3.56	0.51	0.63	0.46	0.43	0.53	0.47	0.47	1,726	75	74	b
05/19/2014	3.40	0.52	0.65	0.47	0.43	0.54	0.47	0.46	1,658	75	75	b
05/20/2014	2.78	0.53	0.67	0.48	0.44	0.55	0.47	0.46	1,533	75	75	b
05/21/2014	2.37	0.55	0.65	0.49	0.44	0.56	0.46	0.45	1,331	76	76	b
05/22/2014	2.51	0.56	0.67	0.50	0.45	0.56	0.48	0.46	1,372	78	76	b
05/23/2014	2.81	0.59	0.71	0.52	0.48	0.55	0.49	0.47	1,475	81	75	b
05/24/2014	3.10	0.60	0.73	0.54	0.48	0.55	0.49	0.48	1,565	83	75 e	b
05/25/2014	3.37	0.63	0.75	0.56	0.48	0.55	0.49	0.48	1,588	86	75 e	b
05/26/2014	3.43	0.65	0.79	0.58	0.48	0.55	0.48	0.48	1,648	88	75 e	b
05/27/2014	3.62	0.67	0.81	0.59	0.49	0.55	0.48	0.48	1,712	91	75	b
05/28/2014	3.33	0.69	0.84	0.62	0.50	0.55	0.48	0.48	1,718	93	78	b
05/29/2014	3.16	0.71	0.85	0.63	0.52	0.56	0.48	0.48	1,713	97	77	b
05/30/2014	3.64	0.74	0.89	0.65	0.54	0.57	0.48	0.48	1,922	103	78	b
05/31/2014	3.63	0.77	0.88	0.65	0.56	0.57	0.49	0.33	1,884	108	78 e	b
06/01/2014	3.59	0.79	0.91	0.65	0.57	0.57	0.49	0.03	1,897	110	78 e	b
06/02/2014	3.83	0.84	0.97	0.67	0.58	0.57	0.49	0.39	2,057	113	79	b
06/03/2014	3.13	0.81	0.97	0.68	0.58	0.57	0.50	0.50	1,845	112	79	b

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:
 (Note: below label begins on October 1, 2013)
 a = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions.

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
05/05/2014	0.18	0.44	0.19	0.45	1.09	1.17	0.19	0.50
05/06/2014	0.18	0.41	0.20	0.43	1.10	1.17	0.20	0.48
05/07/2014	0.18	0.38	0.20	0.41	1.12	1.17	0.21	0.45
05/08/2014	0.15	0.34	0.21	0.40	1.13	1.17	0.21	0.42
05/09/2014	0.15	0.31	0.19	0.37	1.14	1.17	0.21	0.39
05/10/2014	0.14	0.28	0.18	0.35	1.16	1.16	0.19	0.35
05/11/2014	0.13	0.25	0.17	0.32	1.15	1.16	0.19	0.32
05/12/2014	0.13	0.23	0.16	0.28	1.14	1.16	0.18	0.29
05/13/2014	0.12	0.21	0.16	0.25	1.16	1.15	0.17	0.26
05/14/2014	0.13	0.19	0.15	0.22	1.16	1.15	0.17	0.24
05/15/2014	0.11	0.17	0.15	0.20	1.14	1.15	0.16	0.22
05/16/2014	0.12	0.16	0.15	0.19	1.13	1.14	0.16	0.20
05/17/2014	0.16	0.16	0.14	0.17	1.09	1.13	0.14	0.18
05/18/2014	0.21	0.15	0.17	0.17	1.07	1.13	0.15	0.18
05/19/2014	0.24	0.16	0.20	0.17	1.03	1.12	0.19	0.17
05/20/2014	0.23	0.16	0.24	0.17	1.02	1.11	0.23	0.18
05/21/2014	0.21	0.16	0.29	0.18	0.99	1.10	0.28	0.18
05/22/2014	0.24	0.16	0.32	0.18	0.95	1.09	0.33	0.19
05/23/2014	0.25	0.17	0.34	0.19	0.93	1.08	0.34	0.19
05/24/2014	0.26	0.17	0.34	0.19	0.89	1.07	0.35	0.20
05/25/2014	0.27	0.18	0.35	0.20	0.89	1.07	0.35	0.21
05/26/2014	0.24	0.18	0.36	0.21	0.84	1.06	0.37	0.21
05/27/2014	0.26	0.19	0.38	0.22	0.85	1.05	0.38	0.22
05/28/2014	0.30	0.19	0.39	0.23	0.81	1.04	0.39	0.23
05/29/2014	0.32	0.19	0.39	0.23	0.80	1.04	0.39	0.24
05/30/2014	0.28	0.20	0.40	0.24	0.81	1.03	0.40	0.24
05/31/2014	0.28	0.20	0.40	0.25	0.80	1.02	0.39	0.25
06/01/2014	0.30	0.20	0.40	0.25	0.81	1.01	0.41	0.26
06/02/2014	0.32	0.21	0.41	0.26	0.85	1.00	0.43	0.27
06/03/2014	0.31	0.21	0.42	0.27	0.87	1.00	0.47	0.27

Electrical Conductivity (EC) units: millisiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Monday, June 23, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	35 %	7 %
NDOI, 14 day average*	>= 4,000 cfs	4,635 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	143 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	85 mg/l
14dm EC at Threemile Slough at Sac	<= 2.78 mS/cm	1.76 mS/cm
14dm EC at Jersey Point	<= 2.20 mS/cm	1.71 mS/cm
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=0.7 mS/cm	0.4 mS/cm
Brandt Bridge	<=0.7 mS/cm	0.5 mS/cm
Old River Near Tracy	<=0.7 mS/cm	0.9 mS/cm
Old River Near Middle River	<=0.7 mS/cm	0.5 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 3 Open / 0 Closed / 0 Full Tide Open
Flashboard Status : Out
Boat Lock Status : Closed

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, May 1, 2014)

Previous Month's Index (8RI for Apr): 1.712 MAF

Water Year Type: Critical

Sacramento valley water year type index (40/30/30) @ 50%: 4.0 MAF (Critical)

San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
b = balanced Delta conditions
r = excess Delta conditions with restrictions:

* NDOI, Rio Vista & Vernalis Flows:
- 14 day average is progressive daily mean for the first thirteen 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
05/25/2014	6.20	4.18	3,393	27.90	20.36	19.15	13.90	13.81	12.67	9.96	8.60
05/26/2014	6.28	4.20	3,665	27.98	20.24	19.38	14.17	14.10	13.04	10.05	8.89
05/27/2014	6.27	4.19	3,615	28.16	21.26	19.65	14.58	14.55	13.38	10.40	9.18
05/28/2014	6.26	4.04	3,611	27.61	19.33	19.71	14.08	14.01	13.61	9.80	9.39
05/29/2014	6.13	4.13	4,288	27.91	20.56	19.84	13.96	13.88	13.74	9.14	9.45
05/30/2014	6.27	4.31	3,924	28.60	21.25	19.95	14.76	14.76	13.65	10.48	9.54
05/31/2014	6.19	4.25	3,948	28.32	20.55	19.89	14.73	14.72	13.66	10.47	9.60
06/01/2014	6.06	4.34	4,232	27.92	19.37	19.88	14.57	14.54	13.89	10.43	9.65
06/02/2014	6.09	4.52	3,978	29.39	21.13	19.90	15.70	15.80	14.01	10.99	9.75
06/03/2014	5.66	4.29	3,407	28.79	19.74	19.89	14.47	14.43	14.09	9.93	9.82
06/04/2014	5.35	4.16	4,591	27.20	19.00	19.83	13.36	13.21	14.14	8.99	9.86
06/05/2014	5.66	4.22	4,248	27.47	18.32	19.82	13.60	13.48	14.19	9.26	9.93
06/06/2014	5.90	4.28	4,086	29.29	18.61	19.73	13.88	13.79	14.21	9.68	9.95
06/07/2014	6.01	4.25	4,565	28.65	17.46	19.60	13.82	13.72	14.20	9.62	9.94
06/08/2014	6.05	4.13	4,796	27.88	17.81	19.62	12.86	12.67	14.12	8.58	9.84
06/09/2014	6.28	4.23	4,840	28.48	18.70	19.51	13.16	13.00	14.04	8.80	9.76
06/10/2014	6.56	4.62	4,202	30.47	21.02	19.49	15.39	15.45	14.10	10.77	9.78
06/11/2014	7.07	4.88	3,628	31.62	21.73	19.66	16.60	16.80	14.30	11.90	9.93
06/12/2014	6.99	4.64	3,762	31.77	20.29	19.64	15.93	16.05	14.46	11.03	10.07
06/13/2014	6.81	4.38	4,203	30.00 e	17.00 e	19.34	14.50 e	14.47 e	14.44	9.00 e	9.96
06/14/2014	6.60	4.30	4,138	29.99	15.12	18.95	14.12	14.05	14.39	8.44	9.82
06/15/2014	6.61	4.42	4,254	30.81	20.28	19.02	14.98	15.00	14.42	9.81	9.77
06/16/2014	6.50	4.43	4,503	30.40	19.95	18.93	15.20	15.24	14.38	9.54	9.67
06/17/2014	6.07	4.22	4,853	29.07	17.98	18.81	13.49	13.36	14.31	9.14	9.61
06/18/2014	5.58	3.99	5,638	27.67	18.04	18.74	12.43	12.21	14.23	8.34	9.57
06/19/2014	5.77	4.05	5,389	27.51	16.66	18.62	12.61	12.40	14.16	8.33	9.50
06/20/2014	6.00	4.05	5,290	27.49	18.80	18.63	12.72	12.52	14.07	8.42	9.41
06/21/2014	6.29	4.21	5,001	28.90	20.46	18.85	13.20	13.05	14.02	8.49	9.33
06/22/2014	6.29	4.25	4,979	28.45	20.96	19.07	13.26	13.11	14.05	8.73	9.34
06/23/2014	6.37	4.30	5,050	29.00	21.25	19.25	13.32	13.17	14.06	9.02	9.35

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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		Threemile Slough		Cache Slough	Good Year Slough	Sunrise Club	Volanti Slough	Beldon Landing	Collinsville
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC
05/25/2014	5.20	4.53	1.25	1.01	1.58	1.23	0.41	12.98	10.48	9.95	9.10	11.44
05/26/2014	5.40	4.73	1.35	1.06	1.66	1.30	0.39	13.18	10.32	10.14	9.55	11.68
05/27/2014	5.60	4.92	1.37	1.12	1.74	1.38	0.36	13.27	10.23	10.33	9.96	12.18
05/28/2014	5.62	5.07	1.40	1.17	1.66	1.44	0.33	13.44	9.71	10.21	10.12	11.48
05/29/2014	5.60	5.17	1.31	1.20	1.58	1.47	0.34	13.40	9.79	10.50	10.62	11.82
05/30/2014	6.25	5.28	1.66	1.25	1.80	1.51	0.33	13.38	10.32	10.36	10.33	12.31
05/31/2014	6.13	5.34	1.76	1.29	1.80	1.53	0.34	13.49	9.41	9.92	10.12	12.01
06/01/2014	6.17	5.38	1.82	1.33	1.69	1.53	0.41	13.59	9.85	10.12	10.24	12.19
06/02/2014	6.68	5.47	2.11	1.40	1.87	1.56	0.43	13.60	9.69	9.84	10.57	12.99
06/03/2014	6.01	5.54	1.74	1.44	1.55	1.57	0.44	13.67	9.95	10.27	10.99	11.86
06/04/2014	5.59	5.63	1.68	1.49	1.22	1.58	0.41	13.76	10.39	11.27	11.02	10.62
06/05/2014	5.69	5.71	1.70	1.54	1.20	1.58	0.45	13.90	10.59	11.89	12.61	11.05
06/06/2014	5.83	5.78	1.84	1.59	1.30	1.58	0.43	14.18	11.00	12.41	13.11	11.70
06/07/2014	5.67	5.82	1.81	1.63	1.31	1.57	0.41	14.54	11.43	14.12	13.08	10.97
06/08/2014	5.43	5.83	1.65	1.66	1.29	1.55	0.36	15.02	12.07	14.99	13.65	9.52
06/09/2014	5.61	5.85	1.55	1.67	1.43	1.53	0.37	15.57	12.88	14.76	14.56	10.16
06/10/2014	6.60	5.92	2.17	1.73	1.94	1.54	0.33	16.05	13.50	14.65	15.45	11.16
06/11/2014	7.27	6.04	2.69	1.82	2.63	1.81	0.33	16.68	14.00	14.91	15.85	13.21
06/12/2014	6.93	6.13	2.24	1.89	2.29	1.88	0.33	17.74	14.97	15.48	16.10	12.48
06/13/2014	6.00 e	6.12	2.00 e	1.91	1.96	1.88	0.33 e	18.34	14.71	15.81	16.48	12.00 e
06/14/2014	5.96	6.10	1.58	1.90	1.70	1.87	0.33	18.31	14.70	15.64	16.50	12.00 e
06/15/2014	6.24	6.11	1.92	1.90	1.98	1.89	0.32	18.26	15.32	15.51	17.09	11.40
06/16/2014	6.14	6.07	1.83	1.88	2.05	1.70	0.45	18.25	15.80	15.12	17.21	11.12
06/17/2014	5.42	6.03	1.56	1.87	1.70	1.71	0.51	18.27	15.50	15.34	17.40	10.62
06/18/2014	4.83	5.97	1.37	1.85	1.38	1.72	0.48	18.25	15.11	15.05	17.34	10.07
06/19/2014	4.68	5.90	1.38	1.83	1.35	1.74	0.51	18.26	15.04	15.64	17.17	10.30
06/20/2014	4.66	5.82	1.31	1.79	1.32	1.74	0.47	18.18	15.59	16.75	16.92	9.74
06/21/2014	5.01	5.77	1.31	1.75	1.40	1.74	0.45	17.88	15.84	16.63	17.05	10.21
06/22/2014	5.15	5.75	1.29	1.73	1.49	1.76	0.52	17.77	15.98	16.37	17.19	9.36
06/23/2014	5.17	5.72	1.30	1.71	1.45	1.76	0.57	17.74	15.99	16.57	17.01	10.36

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	Emmaton mdEC	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
05/25/2014	3.37	0.63	0.75	0.56	0.48	0.55	0.49	0.48	1,588	86	75	b
05/26/2014	3.43	0.65	0.79	0.58	0.48	0.55	0.48	0.48	1,648	88	75	b
05/27/2014	3.62	0.67	0.81	0.59	0.49	0.55	0.48	0.48	1,712	91	75	b
05/28/2014	3.33	0.69	0.84	0.62	0.50	0.55	0.48	0.48	1,718	93	78	b
05/29/2014	3.16	0.71	0.85	0.63	0.52	0.56	0.48	0.48	1,713	97	77	b
05/30/2014	3.64	0.74	0.89	0.65	0.54	0.57	0.48	0.48	1,922	103	78	b
05/31/2014	3.63	0.77	0.88	0.65	0.56	0.57	0.49	0.33	1,884	108	78	b
06/01/2014	3.59	0.79	0.91	0.65	0.57	0.57	0.49	0.03	1,897	110	79	b
06/02/2014	3.83	0.84	0.97	0.67	0.58	0.57	0.49	0.39	2,057	113	79	b
06/03/2014	3.13	0.81	0.97	0.68	0.58	0.57	0.50	0.50	1,845	112	79	b
06/04/2014	2.58	0.85	0.98	0.70	0.58	0.58	0.50	0.51	1,711	114	79	b
06/05/2014	2.51	0.88	1.03	0.74	0.60	0.58	0.51	0.51	1,742	120	80	b
06/06/2014	2.58	0.92	1.13	0.77	0.63	0.59	0.52	0.52	1,786	127	80	b
06/07/2014	2.61	0.94	1.19	0.81	0.65	0.59	0.53	0.53	1,736	133	82	b
06/08/2014	2.51	0.98	1.21	0.84	0.67	0.59	0.54	0.53	1,661	136	83	b
06/09/2014	2.82	0.99	1.23	0.85	0.69	0.61	0.54	0.53	1,718	141	82	b
06/10/2014	3.73	1.02	1.39	0.89	0.73	0.61	0.56	0.54	2,033	153	85	b
06/11/2014	4.76	1.08	1.49	0.91	0.75	0.60	0.58	0.53	2,246	159	82	b
06/12/2014	4.45	1.12	1.51	0.92	0.75	0.64	0.58	0.54	2,136	158	80	b
06/13/2014	3.00 e	1.12 e	1.30 e	0.90 e	0.80 e	0.65 e	0.60 e	0.54 e	1,841 e	171 e	88	b
06/14/2014	2.66	1.12	1.30	0.93	0.78	0.65	0.60	0.54	1,829	165	88 e	b
06/15/2014	3.97	1.11	1.39	0.96	0.80	0.64	0.61	0.54	1,917	172	88 e	b
06/16/2014	4.11	1.12	1.38	0.95	0.81	0.64	0.61	0.54	1,886	174	82	b
06/17/2014	3.39	1.10	1.32	0.94	0.81	0.63	0.62	0.54	1,657	175	88	b
06/18/2014	2.76	1.07	1.27	0.94	0.82	0.63	0.63	0.54	1,468	175	88	b
06/19/2014	2.70	1.04	1.26	0.93	0.81	0.62	0.64	0.54	1,421	175	88	b
06/20/2014	2.61	1.04	1.25	0.92	0.82	0.62	0.65	0.54	1,415	176	88	b
06/21/2014	2.88	1.04	1.25	0.93	0.83	0.61	0.66	0.54	1,526	178	88 e	b
06/22/2014	2.85	1.03	1.24	0.91	0.82	0.61	0.67	0.54	1,570	178	88 e	b
06/23/2014	2.80	1.02	1.24	0.91	0.82	0.62	0.67	0.54	1,576	177	85	b

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:
 (Note: below label begins on October 1, 2013)
 e = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions;

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
05/25/2014	0.27	0.18	0.35	0.20	0.89	1.07	0.35	0.21
05/26/2014	0.24	0.18	0.36	0.21	0.84	1.06	0.37	0.21
05/27/2014	0.26	0.19	0.38	0.22	0.85	1.05	0.38	0.22
05/28/2014	0.30	0.19	0.39	0.23	0.81	1.04	0.39	0.23
05/29/2014	0.32	0.19	0.39	0.23	0.80	1.04	0.39	0.24
05/30/2014	0.28	0.20	0.40	0.24	0.81	1.03	0.40	0.24
05/31/2014	0.28	0.20	0.40	0.25	0.80	1.02	0.39	0.25
06/01/2014	0.30	0.20	0.40	0.25	0.81	1.01	0.41	0.26
06/02/2014	0.32	0.21	0.41	0.26	0.85	1.00	0.43	0.27
06/03/2014	0.31	0.21	0.42	0.27	0.87	1.00	0.47	0.27
06/04/2014	0.30	0.22	0.44	0.28	1.02	0.99	0.49	0.28
06/05/2014	0.30	0.22	0.45	0.28	1.10	0.99	0.51	0.29
06/06/2014	0.36	0.23	0.46	0.29	1.20	1.00	0.51	0.30
06/07/2014	0.38	0.23	0.46	0.30	1.22	1.00	0.51	0.31
06/08/2014	0.37	0.24	0.47	0.31	1.24	1.00	0.51	0.33
06/09/2014	0.37	0.25	0.48	0.32	1.25	1.01	0.52	0.34
06/10/2014	0.43	0.26	0.46	0.33	1.01	1.00	0.51	0.35
06/11/2014	0.43	0.27	0.44	0.34	0.90	0.99	0.54	0.36
06/12/2014	0.44	0.28	0.46	0.35	0.84	0.98	0.55	0.37
06/13/2014	0.40 e	0.29	0.48 e	0.36	0.80 e	0.97	0.55 e	0.38
06/14/2014	0.40	0.30	0.50	0.37	0.79	0.96	0.58	0.40
06/15/2014	0.38	0.31	0.50	0.38	0.80	0.95	0.59	0.41
06/16/2014	0.37	0.31	0.52	0.40	0.85	0.94	0.60	0.43
06/17/2014	0.37	0.32	0.54	0.41	0.91	0.94	0.60	0.44
06/18/2014	0.36	0.32	0.56	0.42	0.94	0.93	0.62	0.46
06/19/2014	0.35	0.33	0.57	0.43	0.94	0.93	0.62	0.47
06/20/2014	0.45	0.34	0.57	0.44	1.00	0.93	0.63	0.48
06/21/2014	0.42	0.34	0.56	0.45	0.95	0.93	0.63	0.49
06/22/2014	0.39	0.35	0.55	0.46	0.94	0.93	0.63	0.50
06/23/2014	0.45	0.35	0.56	0.46	0.91	0.93	0.64	0.51

Electrical Conductivity (EC) units: milliSiemens per Centimeter

md : mean daily

NR : No Record

NC : Average not computed due to insufficient data

BR : Below Rating

e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Wednesday, July 02, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	65 %	16 %
NDOI, monthly average *	>= 3,000 cfs	3,772 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	152 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	99 mg/l
14dm EC at Threemile Slough at Sac	<= 2.78 mS/cm	1.33 mS/cm
14dm EC at Jersey Point	<= 2.20 mS/cm	1.35 mS/cm
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=0.7 mS/cm	0.4 mS/cm
Brandt Bridge	<=0.7 mS/cm	0.5 mS/cm
Old River Near Tracy	<=0.7 mS/cm	1.0 mS/cm
Old River Near Middle River	<=0.7 mS/cm	0.6 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 3 Open / 0 Closed / 0 Full Tide Open
Flashboard Status : Out
Boat Lock Status : Closed

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, May 1, 2014)

Previous Month's Index (8RI for Apr): 1.712 MAF

Water Year Type: Critical

Sacramento valley water year type index (40/30/30) @ 50%: 4.0 MAF (Critical)

San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:

(Note: below label begins on October 1, 2013)

c = excess Delta conditions

b = balanced Delta conditions

r = excess Delta conditions with restrictions:

* NDOI, Rio Vista & Vernalis Flows:

- 14 day average is progressive daily mean for the first thirteen 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
05/03/2014	5.66	4.29	3,407	28.79	19.74	19.89	14.47	14.43	14.09	9.93	9.82
05/04/2014	5.35	4.16	4,591	27.20	19.00	19.83	13.36	13.21	14.14	8.99	9.86
06/05/2014	5.66	4.22	4,248	27.47	18.32	19.82	13.60	13.48	14.19	9.28	9.93
06/06/2014	5.90	4.26	4,086	29.29	18.61	19.73	13.88	13.79	14.21	9.68	9.95
06/07/2014	6.01	4.25	4,565	28.65	17.46	19.80	13.82	13.72	14.20	9.62	9.94
06/08/2014	6.05	4.13	4,796	27.88	17.81	19.62	12.86	12.67	14.12	8.58	9.84
06/09/2014	6.28	4.23	4,840	28.48	18.70	19.51	13.16	13.00	14.04	8.80	9.76
06/10/2014	6.56	4.62	4,202	30.47	21.02	19.49	15.39	15.45	14.10	10.77	9.78
06/11/2014	7.07	4.88	3,828	31.62	21.73	19.66	16.60	16.80	14.30	11.90	9.93
06/12/2014	6.99	4.64	3,762	31.77	20.29	19.64	15.93	16.05	14.46	11.03	10.07
06/13/2014	6.81	4.38	4,203	30.00 e	17.00 e	19.34	14.50 e	14.47 e	14.44	9.00 e	9.96
06/14/2014	6.60	4.30	4,138	29.99	15.12	18.95	14.12	14.05	14.39	8.44	9.82
06/15/2014	6.61	4.42	4,254	30.81	20.28	19.02	14.98	15.00	14.42	9.81	9.77
06/16/2014	6.50	4.43	4,503	30.40	19.95	18.93	15.20	15.24	14.38	9.54	9.67
06/17/2014	6.07	4.22	4,853	29.07	17.98	18.81	13.49	13.36	14.31	9.14	9.61
06/18/2014	5.58	3.99	5,638	27.67	18.04	18.74	12.43	12.21	14.23	8.34	9.57
06/19/2014	5.77	4.05	5,389	27.51	16.66	18.62	12.61	12.40	14.16	8.33	9.50
06/20/2014	6.00	4.05	5,290	27.49	18.80	18.63	12.72	12.52	14.07	8.42	9.41
06/21/2014	6.29	4.21	5,001	28.90	20.46	18.85	13.20	13.05	14.02	8.49	9.33
06/22/2014	6.29	4.25	4,979	28.45	20.96	19.07	13.26	13.11	14.05	8.73	9.34
06/23/2014	6.37	4.30	5,050	29.00	21.25	19.25	13.32	13.17	14.06	9.02	9.35
06/24/2014	6.44	4.43	5,336	29.69	21.72	19.30	13.89	13.80	13.94	9.16	9.24
06/25/2014	6.58	4.48	5,321	29.83	21.90	19.32	12.83	12.64	13.65	9.21	9.05
06/26/2014	6.55	4.44	5,610	29.81	21.38	19.38	13.54	13.42	13.46 e	8.91	8.89
06/27/2014	6.45	4.40	6,093	29.41	21.05	19.68	13.29	13.14	13.36	8.71	8.87
06/28/2014	6.39	4.37	6,055	29.23	19.46	19.99	12.80	12.61	13.26	8.39	8.87
06/29/2014	6.23	4.33	5,407	28.31	19.82	19.96	12.22	11.98	13.05	7.76	8.72
06/30/2014	6.19	4.52	5,195	28.34	20.32	19.99	12.44	12.22	12.83	7.89	8.61
07/01/2014	6.36	4.89	4,042	31.17	21.23	20.22	14.14	14.07	12.88	9.47	8.63
07/02/2014	5.97	4.64	3,503	30.09	19.77	20.34	13.13	12.97	12.93	8.89	8.67

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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		Threemile Slough		Cache Slough	Good Year Slough	Sunrise Club	Volanti Slough	Beldon Landing	Collinsville
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC
06/03/2014	6.01	5.54	1.74	1.44	1.55	1.57	0.44	13.67	9.95	10.27	10.99	11.86
06/04/2014	5.59	5.63	1.68	1.49	1.22	1.58	0.41	13.76	10.39	11.27	11.82	10.62
06/05/2014	5.69	5.71	1.70	1.54	1.20	1.58	0.45	13.90	10.59	11.89	12.61	11.05
06/06/2014	5.83	5.78	1.84	1.59	1.30	1.58	0.43	14.18	11.00	12.41	13.11	11.70
06/07/2014	5.67	5.82	1.81	1.63	1.31	1.57	0.41	14.54	11.43	14.12	13.08	10.97
06/08/2014	5.43	5.83	1.65	1.66	1.29	1.55	0.38	15.02	12.07	14.99	13.65	9.52
06/09/2014	5.61	5.85	1.55	1.67	1.43	1.53	0.37	15.57	12.88	14.76	14.56	10.16
06/10/2014	6.60	5.92	2.17	1.73	1.94	1.54	0.33	16.05	13.50	14.65	15.45	11.16
06/11/2014	7.27	6.04	2.69	1.82	2.63	1.61	0.33	16.88	14.00	14.91	15.85	13.21
06/12/2014	6.93	6.13	2.24	1.89	2.29	1.66	0.33	17.74	14.97	15.48	16.10	12.48
06/13/2014	6.00 e	6.12	2.00 e	1.91	1.96	1.68	0.33 e	18.34	14.71	15.61	16.48	12.00 e
06/14/2014	5.96	6.10	1.58	1.90	1.70	1.67	0.33	18.31	14.70	15.64	16.50	12.00 e
06/15/2014	6.24	6.11	1.92	1.90	1.98	1.69	0.32	18.26	15.32	15.51	17.09	11.40
06/16/2014	6.14	6.07	1.83	1.88	2.05	1.70	0.45	18.25	15.80	15.12	17.21	11.12
06/17/2014	5.42	6.03	1.56	1.87	1.70	1.71	0.51	18.27	15.50	15.34	17.40	10.62
06/18/2014	4.83	5.97	1.37	1.85	1.38	1.72	0.48	18.25	15.11	15.05	17.34	10.07
06/19/2014	4.68	5.90	1.38	1.83	1.35	1.74	0.51	18.26	15.04	15.64	17.17	10.30
06/20/2014	4.66	5.82	1.31	1.79	1.32	1.74	0.47	18.18	15.59	16.75	16.92	9.74
06/21/2014	5.01	5.77	1.31	1.75	1.40	1.74	0.45	17.88	15.84	16.63	17.05	10.21
06/22/2014	5.15	5.75	1.29	1.73	1.49	1.76	0.52	17.77	15.98	16.37	17.19	9.36
06/23/2014	5.17	5.72	1.30	1.71	1.45	1.76	0.57	17.74	15.99	16.57	17.01	10.36
06/24/2014	5.44	5.64	1.52	1.66	1.49	1.73	0.53	17.69	16.09	16.20	17.19	9.90
06/25/2014	5.56	5.51	1.56	1.58	1.59	1.65	0.45	17.71	15.91	16.42	17.60	10.11
06/26/2014	5.39	5.40	1.52	1.53	1.46	1.59	0.41	17.90	16.16	16.00	17.69	10.21
06/27/2014	5.04	5.34	1.40	1.49	1.32	1.55	0.35	18.03	16.17	16.30	17.48	9.75
06/28/2014	4.70	5.25	1.30	1.47	1.18	1.51	0.32	18.02	16.35	16.02	17.61	9.36
06/29/2014	4.32	5.11	1.17	1.42	1.07	1.45	0.38	18.02	16.36	16.06	17.66	8.80
06/30/2014	4.53	4.99	1.23	1.37	1.07	1.38	0.44	17.97	16.44	15.77	17.67	9.48
07/01/2014	5.21	4.98	1.44	1.36	1.28	1.35	0.39	17.84	16.57	15.77	17.64	11.05
07/02/2014	4.69	4.97	1.19	1.35	1.10	1.33	0.36	18.65	16.45	15.49	17.57	10.33

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	Emmaton mdEC	Bethel Island mdEC	Farrar Park mdEC	Holland Tract mdEC	Bacon Island mdEC	Contra Costa mdEC	Clifton Court mdEC	Tracy Pumping Plant mdEC	Antioch mdCI	Bacon Island mdCI	Contra Costa mdCI	Delta Status
06/03/2014	3.13	0.81	0.97	0.68	0.58	0.57	0.50	0.50	1,845	112	79	b
06/04/2014	2.58	0.85	0.98	0.70	0.58	0.58	0.50	0.51	1,711	114	79	b
06/05/2014	2.51	0.88	1.03	0.74	0.60	0.58	0.51	0.51	1,742	120	80	b
06/06/2014	2.58	0.92	1.13	0.77	0.63	0.59	0.52	0.52	1,786	127	80	b
06/07/2014	2.61	0.94	1.19	0.81	0.65	0.59	0.53	0.53	1,736	133	82	b
06/08/2014	2.51	0.98	1.21	0.84	0.67	0.59	0.54	0.53	1,661	136	83	b
06/09/2014	2.82	0.99	1.23	0.85	0.69	0.61	0.54	0.53	1,718	141	82	b
06/10/2014	3.73	1.02	1.39	0.89	0.73	0.61	0.56	0.54	2,033	153	85	b
06/11/2014	4.76	1.08	1.49	0.91	0.75	0.60	0.58	0.53	2,246	159	82	b
06/12/2014	4.45	1.12	1.51	0.92	0.75	0.64	0.58	0.54	2,136	158	80	b
06/13/2014	3.00 e	1.12 e	1.30 e	0.90 e	0.80 e	0.65 e	0.60 e	0.54 e	1,841 e	171 e	88	b
06/14/2014	2.66	1.12	1.30	0.93	0.78	0.65	0.60	0.54	1,829	165	85	b
06/15/2014	3.97	1.11	1.39	0.96	0.80	0.64	0.61	0.54	1,917	172	82	b
06/16/2014	4.11	1.12	1.38	0.95	0.81	0.64	0.61	0.54	1,886	174	82	b
06/17/2014	3.39	1.10	1.32	0.94	0.81	0.63	0.62	0.54	1,657	175	88	b
06/18/2014	2.76	1.07	1.27	0.94	0.82	0.63	0.63	0.54	1,468	175	88	b
06/19/2014	2.70	1.04	1.26	0.93	0.81	0.62	0.64	0.54	1,421	175	88	b
06/20/2014	2.61	1.04	1.25	0.92	0.82	0.62	0.65	0.54	1,415	176	88	b
06/21/2014	2.88	1.04	1.25	0.93	0.83	0.61	0.66	0.54	1,526	178	85	b
06/22/2014	2.85	1.03	1.24	0.91	0.82	0.61	0.67	0.54	1,570	178	85	b
06/23/2014	2.80	1.02	1.24	0.91	0.82	0.62	0.67	0.54	1,576	177	85	b
06/24/2014	2.70	1.00	1.22	0.90	0.82	0.66	0.69	0.54	1,663	176	92	b
06/25/2014	3.03	0.98	1.24	0.89	0.81	0.63	0.69	0.54	1,702	175	95	b
06/26/2014	2.87	0.97	1.24	0.87	0.80	0.64	0.70	0.54	1,647	172	91	b
06/27/2014	2.72	0.95	1.22	0.87	0.79	0.64	0.71	0.54	1,535	169	92	b
06/28/2014	2.52	0.93	1.19	0.86	0.79	0.65	0.73	0.57	1,426	168	95	b
06/29/2014	2.19	0.91	1.17	0.85	0.78	0.67	0.74	0.73	1,307	166	97	b
06/30/2014	2.30	0.86	1.14	0.85	0.77	0.69	0.72	0.72	1,372	165	97	b
07/01/2014	2.93	0.81	1.16	0.85	0.77	0.70	0.71	0.70	1,590	162	93	b
07/02/2014	2.24	0.86	1.14	0.83	0.76	0.71	0.70	0.69	1,425	161	99	b

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 mdCI are calculated from the respective mdEC values.

Coordinated Operation Agreement Delta Status
 (Note: below label begins on October 1, 2013)
 c = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions

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
06/03/2014	0.31	0.21	0.42	0.27	0.87	1.00	0.47	0.27
06/04/2014	0.30	0.22	0.44	0.28	1.02	0.99	0.49	0.28
06/05/2014	0.30	0.22	0.45	0.28	1.10	0.99	0.51	0.29
06/06/2014	0.36	0.23	0.46	0.29	1.20	1.00	0.51	0.30
06/07/2014	0.38	0.23	0.46	0.30	1.22	1.00	0.51	0.31
06/08/2014	0.37	0.24	0.47	0.31	1.24	1.00	0.51	0.33
06/09/2014	0.37	0.25	0.48	0.32	1.25	1.01	0.52	0.34
06/10/2014	0.43	0.26	0.46	0.33	1.01	1.00	0.51	0.35
06/11/2014	0.43	0.27	0.44	0.34	0.90	0.99	0.54	0.36
06/12/2014	0.44	0.28	0.46	0.35	0.84	0.98	0.55	0.37
06/13/2014	0.40 e	0.29	0.48 e	0.36	0.80 e	0.97	0.55 e	0.38
06/14/2014	0.40	0.30	0.50	0.37	0.79	0.96	0.58	0.40
06/15/2014	0.38	0.31	0.50	0.38	0.80	0.95	0.59	0.41
06/16/2014	0.37	0.31	0.52	0.40	0.85	0.94	0.60	0.43
06/17/2014	0.37	0.32	0.54	0.41	0.91	0.94	0.60	0.44
06/18/2014	0.36	0.32	0.56	0.42	0.94	0.93	0.62	0.46
06/19/2014	0.35	0.33	0.57	0.43	0.94	0.93	0.62	0.47
06/20/2014	0.45	0.34	0.57	0.44	1.00	0.93	0.63	0.48
06/21/2014	0.42	0.34	0.56	0.45	0.95	0.93	0.63	0.49
06/22/2014	0.39	0.35	0.55	0.46	0.94	0.93	0.63	0.50
06/23/2014	0.45	0.35	0.56	0.46	0.91	0.93	0.64	0.51
06/24/2014	0.43	0.36	0.57	0.47	0.87	0.93	0.64	0.52
06/25/2014	0.46	0.37	0.58	0.48	0.85	0.93	0.64	0.53
06/26/2014	0.45	0.37	0.59	0.49	0.86	0.93	0.69	0.54
06/27/2014	0.44	0.38	0.60	0.49	0.89	0.93	0.79	0.55
06/28/2014	0.45	0.38	0.61	0.50	0.96	0.94	0.88	0.57
06/29/2014	0.42	0.39	0.63	0.51	0.99	0.95	0.91	0.59
06/30/2014	0.38	0.39	0.63	0.52	1.08	0.95	0.90	0.60
07/01/2014	0.40	0.39	0.63	0.52	1.05	0.96	0.86	0.62
07/02/2014	0.35	0.39	0.63	0.53	1.00	0.97	0.86	0.63

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e : estimated value

Compliance Standards

for the Sacramento - San Joaquin Delta and Suisun Marsh
Sunday, July 13, 2014

Criteria	Standard	Status
Flow/Operational		
% of inflow diverted	65 %	17 %
NDOI, monthly average *	>= 3,000 cfs	3,196 cfs

Water Quality

Days @ CCWD PP#1 w/ chlorides <= 150 mg/l	155 days	163 days
Export Areas for SWP, CVP, CCWD, et al	<= 250 mg/l Cl	107 mg/l
14dm EC at Threemile Slough at Sac	<= 2.78 mS/cm	1.26 mS/cm
14dm EC at Jersey Point	<= 2.20 mS/cm	1.39 mS/cm
Maximum 30 day running average of mean daily EC at:		
Vernalis	<=0.7 mS/cm	0.4 mS/cm
Brandt Bridge	<=0.7 mS/cm	0.6 mS/cm
Old River Near Tracy	<=0.7 mS/cm	1.0 mS/cm
Old River Near Middle River	<=0.7 mS/cm	0.8 mS/cm

SUISUN MARSH:

Suisun Marsh Salinity Control Gates : 3 Open / 0 Closed / 0 Full Tide Open
Flashboard Status : Out
Boat Lock Status : Closed

California Hydrologic Conditions: (California Cooperative Snow Surveys Forecast, May 1, 2014)

Previous Month's Index (BRI for Apr): 1.712 MAF
Water Year Type: Critical
Sacramento valley water year type index (40/30/30) @ 50%: 4.0 MAF (Critical)
San Joaquin valley water year type index (60/20/20) @ 75%: 1.1 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:
(Note: below label begins on October 1, 2013)
c = excess Delta conditions
b = balanced Delta conditions
r = excess Delta conditions with restrictions:

* NDOI, Rio Vista & Vernalis Flows:
- 14 day average is progressive daily mean for the first thirteen 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
06/14/2014	6.60	4.30	4,138	29.99	15.12	18.95	14.12	14.05	14.39	8.44	9.82
06/15/2014	6.61	4.42	4,254	30.81	20.28	19.02	14.98	15.00	14.42	9.81	9.77
06/16/2014	6.50	4.43	4,503	30.40	19.95	18.93	15.20	15.24	14.38	9.54	9.67
06/17/2014	6.07	4.22	4,853	29.07	17.98	18.81	13.49	13.36	14.31	9.14	9.61
06/18/2014	5.58	3.99	5,638	27.67	18.04	18.74	12.43	12.21	14.23	8.34	9.57
06/19/2014	5.77	4.05	5,389	27.51	16.66	18.62	12.61	12.40	14.16	8.33	9.50
06/20/2014	6.00	4.05	5,290	27.49	18.80	18.63	12.72	12.52	14.07	8.42	9.41
06/21/2014	6.29	4.21	5,001	28.90	20.46	18.85	13.20	13.05	14.02	8.49	9.33
06/22/2014	6.29	4.25	4,979	28.45	20.98	19.07	13.28	13.11	14.05	8.73	9.34
06/23/2014	6.37	4.30	5,050	29.00	21.25	19.25	13.32	13.17	14.06	9.02	9.35
06/24/2014	6.44	4.43	5,336	29.69	21.72	19.30	13.89	13.80	13.94	9.16	9.24
06/25/2014	6.58	4.48	5,321	29.83	21.90	19.32	12.83	12.64	13.65	9.21	9.05
06/26/2014	6.55	4.44	5,610	29.81	21.38	19.39	13.54	13.42	13.46 e	8.91	8.89
06/27/2014	6.45	4.40	6,093	29.41	21.05	19.88	13.29	13.14	13.36	8.71	8.87
06/28/2014	6.39	4.37	6,055	29.23	19.48	19.99	12.80	12.61	13.26	8.39	8.87
06/29/2014	6.23	4.33	5,407	28.31	19.82	19.96	12.22	11.98	13.05	7.76	8.72
06/30/2014	6.19	4.52	5,195	28.34	20.32	19.99	12.44	12.22	12.83	7.89	8.81
07/01/2014	6.36	4.89	4,042	31.17	21.23	20.22	14.14	14.07	12.88	9.47	8.63
07/02/2014	5.97	4.64	3,503	30.09	19.77	20.34	13.13	12.97	12.93	8.89	8.67
07/03/2014	5.72	4.36	3,728	27.94	19.53	20.55	12.10	11.85	12.90	7.82	8.63
07/04/2014	5.90	4.34	3,425	27.70	19.05	20.57	12.01	11.75	12.84	7.67	8.58
07/05/2014	5.97	4.26	3,013	27.36	18.73	20.44	11.89	11.62	12.74	7.59	8.51
07/06/2014	6.20	4.26	2,651	27.82	19.12	20.31	11.62	11.33	12.61	7.66	8.44
07/07/2014	6.50	4.46	2,461	29.42	20.03	20.22	12.50	12.28	12.55	8.18	8.38
07/08/2014	6.77	4.67	2,667	29.81	21.40	20.20	13.47	13.33	12.51	9.06	8.37
07/09/2014	6.84	4.79	2,791	31.63	22.41	20.24	14.68	14.67	12.66	9.97	8.42
07/10/2014	7.07	4.90	3,326	32.30	23.10	20.36	15.16	15.20	12.79	10.49	8.54
07/11/2014	7.26	4.83	3,024	32.13	22.92	20.49	15.30	15.35	12.94	10.39	8.66
07/12/2014	7.04	4.66	3,149	31.45	22.46	20.71	14.83	14.83	13.10	9.94	8.77
07/13/2014	6.93	4.59	3,772	31.14	20.25	20.74	14.25	14.19	13.26	9.65	8.90

Antioch Tides measured in feet above mean sea level.

Net Delta Outflow Index calculated from equation as specified in D-1641, 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		Threemile Slough		Cache Slough	Good Year Slough	Sunrise Club	Volanti Slough	Beldon Landing	Collinsville
	mdEC	14mdEC	mdEC	14mdEC	mdEC	14mdEC	mdEC	mhtEC	mhtEC	mhtEC	mhtEC	mhtEC
06/14/2014	5.96	6.10	1.58	1.90	1.70	1.67	0.33	18.31	14.70	15.64	16.50	12.00 e
06/15/2014	6.24	6.11	1.92	1.90	1.98	1.69	0.32	18.26	15.32	15.51	17.09	11.40
06/16/2014	6.14	6.07	1.83	1.88	2.05	1.70	0.45	18.25	15.80	15.12	17.21	11.12
06/17/2014	5.42	6.03	1.66	1.87	1.70	1.71	0.51	18.27	15.50	15.34	17.40	10.62
06/18/2014	4.83	5.97	1.37	1.85	1.38	1.72	0.48	18.25	15.11	15.05	17.34	10.07
06/19/2014	4.68	5.90	1.38	1.83	1.35	1.74	0.51	18.26	15.04	15.64	17.17	10.30
06/20/2014	4.66	5.82	1.31	1.79	1.32	1.74	0.47	18.18	15.59	16.75	16.92	9.74
06/21/2014	5.01	5.77	1.31	1.75	1.40	1.74	0.45	17.88	15.84	16.63	17.05	10.21
06/22/2014	5.15	5.75	1.29	1.73	1.49	1.76	0.52	17.77	15.98	16.37	17.19	9.36
06/23/2014	5.17	5.72	1.30	1.71	1.45	1.76	0.57	17.74	15.99	16.57	17.01	10.36
06/24/2014	5.44	5.64	1.52	1.66	1.49	1.73	0.53	17.69	16.09	16.20	17.19	9.90
06/25/2014	5.56	5.51	1.56	1.58	1.59	1.65	0.45	17.71	15.91	16.42	17.60	10.11
06/26/2014	5.39	5.40	1.52	1.53	1.46	1.59	0.41	17.90	16.16	16.00	17.69	10.21
06/27/2014	5.04	5.34	1.40	1.49	1.32	1.55	0.35	18.03	16.17	16.30	17.48	9.75
06/28/2014	4.70	5.25	1.30	1.47	1.18	1.51	0.32	18.02	16.35	16.02	17.61	9.36
06/29/2014	4.32	5.11	1.17	1.42	1.07	1.45	0.38	18.02	16.36	16.06	17.66	8.80
06/30/2014	4.53	4.99	1.23	1.37	1.07	1.38	0.44	17.97	16.44	15.77	17.67	9.48
07/01/2014	5.21	4.98	1.44	1.36	1.28	1.35	0.39	17.84	16.57	15.77	17.64	11.05
07/02/2014	4.69	4.97	1.19	1.35	1.10	1.33	0.36	18.65	16.45	15.49	17.57	10.33
07/03/2014	4.05	4.92	1.06	1.33	0.91	1.29	0.35	19.63	16.33	16.56	17.30	8.97
07/04/2014	4.19	4.89	1.13	1.32	0.87	1.26	0.35	19.63	16.41	17.29	17.10	9.28
07/05/2014	4.10	4.82	1.11	1.30	0.89	1.23	0.34	19.53	16.37	16.78	16.85	8.74
07/06/2014	4.16	4.75	1.11	1.29	0.88	1.18	0.37	19.36	16.37	16.67	16.80	9.05
07/07/2014	4.49	4.70	1.23	1.28	1.02	1.15	0.38	19.05	16.41	16.74	16.79	9.74
07/08/2014	5.02	4.67	1.43	1.28	1.21	1.13	0.35	18.81	16.53	16.58	17.06	10.16
07/09/2014	5.51	4.67	1.67	1.29	1.49	1.13	0.32	19.05	16.61	16.48	16.83	11.48
07/10/2014	5.90	4.71	1.87	1.31	1.74	1.14	0.31	19.38	16.71	16.39	16.91	11.12
07/11/2014	5.91	4.77	1.87	1.34	1.86	1.18	0.29	19.74	16.78	16.57	16.73	11.54
07/12/2014	5.68	4.84	1.72	1.37	1.74	1.22	0.30	20.25	16.88	16.03	16.97	11.08
07/13/2014	5.36	4.91	1.42	1.39	1.59	1.26	0.35	20.08	17.03	15.26	17.18	10.94

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	Emmaton mdEC	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
06/14/2014	2.66	1.12	1.30	0.93	0.78	0.65	0.60	0.54	1,829	165	85	b
06/15/2014	3.97	1.11	1.39	0.96	0.80	0.64	0.61	0.54	1,917	172	82	b
06/16/2014	4.11	1.12	1.38	0.95	0.81	0.64	0.61	0.54	1,886	174	82	b
06/17/2014	3.39	1.10	1.32	0.94	0.81	0.63	0.62	0.54	1,657	175	88	b
06/18/2014	2.76	1.07	1.27	0.94	0.82	0.63	0.63	0.54	1,468	175	88	b
06/19/2014	2.70	1.04	1.28	0.93	0.81	0.62	0.64	0.54	1,421	175	88	b
06/20/2014	2.61	1.04	1.25	0.92	0.82	0.62	0.65	0.54	1,415	176	88	b
06/21/2014	2.88	1.04	1.25	0.93	0.83	0.61	0.66	0.54	1,526	178	85	b
06/22/2014	2.85	1.03	1.24	0.91	0.82	0.61	0.67	0.54	1,570	178	85	b
06/23/2014	2.80	1.02	1.24	0.91	0.82	0.62	0.67	0.54	1,576	177	85	b
06/24/2014	2.70	1.00	1.22	0.90	0.82	0.66	0.69	0.54	1,663	176	92	b
06/25/2014	3.03	0.98	1.24	0.89	0.81	0.63	0.69	0.54	1,702	175	95	b
06/26/2014	2.87	0.97	1.24	0.87	0.80	0.64	0.70	0.54	1,647	172	91	b
06/27/2014	2.72	0.95	1.22	0.87	0.79	0.64	0.71	0.54	1,535	169	92	b
06/28/2014	2.52	0.93	1.19	0.86	0.79	0.65	0.73	0.57	1,426	168	95	b
06/29/2014	2.19	0.91	1.17	0.85	0.78	0.67	0.74	0.73	1,307	166	97	b
06/30/2014	2.30	0.86	1.14	0.85	0.77	0.69	0.72	0.72	1,372	165	97	b
07/01/2014	2.93	0.81	1.16	0.85	0.77	0.70	0.71	0.70	1,590	162	93	b
07/02/2014	2.24	0.86	1.14	0.83	0.78	0.71	0.70	0.69	1,425	161	99	b
07/03/2014	1.93	0.85	1.11	0.81	0.78	0.71	0.70	0.68	1,221	160	102	b
07/04/2014	1.85	0.80	1.11	0.80	0.75	0.71	0.70	0.69	1,263	159	102 e	b
07/05/2014	1.70	0.83	1.10	0.77	0.74	0.72	0.70	0.69	1,234	158	102 e	b
07/06/2014	1.74	0.82	1.11	0.77	0.73	0.72	0.69	0.68	1,254	154	102 e	b
07/07/2014	2.12	0.78	1.12	0.77	0.72	0.72	0.68	0.67	1,359	151	102	b
07/08/2014	2.48	0.81	1.14	0.76	0.71	0.73	0.67	0.67	1,528	148	104	b
07/09/2014	3.04	0.83	1.17	0.75	0.70	0.74	0.66	0.67	1,683	145	103	b
07/10/2014	3.49	0.86	1.21	0.76	0.69	0.75	0.66	0.66	1,809	144	105	b
07/11/2014	3.52	0.81	1.22	0.76	0.69	0.76	0.67	0.67	1,814	143	107	b
07/12/2014	3.46	0.88	1.24	0.76	0.69	0.76	0.66	0.66	1,734	144	107 e	b
07/13/2014	3.29	0.87	1.21	0.77	0.70	0.77	0.66	0.66	1,637	144	107 e	b

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:
 (Note: below label begins on October 1, 2013)
 e = excess Delta conditions
 b = balanced Delta conditions
 r = excess Delta conditions with restrictions:

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
06/14/2014	0.40	0.30	0.50	0.37	0.79	0.96	0.58	0.40
06/15/2014	0.36	0.31	0.50	0.38	0.80	0.95	0.59	0.41
06/16/2014	0.37	0.31	0.52	0.40	0.85	0.94	0.60	0.43
06/17/2014	0.37	0.32	0.54	0.41	0.91	0.94	0.60	0.44
06/18/2014	0.36	0.32	0.56	0.42	0.94	0.93	0.62	0.46
06/19/2014	0.35	0.33	0.57	0.43	0.94	0.93	0.62	0.47
06/20/2014	0.45	0.34	0.57	0.44	1.00	0.93	0.63	0.48
06/21/2014	0.42	0.34	0.56	0.45	0.95	0.83	0.63	0.49
06/22/2014	0.39	0.35	0.55	0.46	0.94	0.93	0.63	0.50
06/23/2014	0.45	0.35	0.56	0.46	0.91	0.93	0.64	0.51
06/24/2014	0.43	0.36	0.57	0.47	0.87	0.93	0.64	0.52
06/25/2014	0.46	0.37	0.58	0.48	0.85	0.93	0.64	0.53
06/26/2014	0.45	0.37	0.59	0.49	0.86	0.93	0.69	0.54
06/27/2014	0.44	0.38	0.60	0.49	0.89	0.93	0.79	0.55
06/28/2014	0.45	0.38	0.61	0.50	0.96	0.94	0.88	0.57
06/29/2014	0.42	0.39	0.63	0.51	0.99	0.95	0.91	0.59
06/30/2014	0.38	0.39	0.63	0.52	1.08	0.95	0.90	0.60
07/01/2014	0.40	0.39	0.63	0.52	1.05	0.96	0.86	0.62
07/02/2014	0.35	0.39	0.63	0.53	1.00	0.97	0.86	0.63
07/03/2014	0.32	0.39	0.65	0.54	1.02	0.97	0.82	0.64
07/04/2014	0.31	0.39	0.66	0.55	1.03	0.97	0.87	0.66
07/05/2014	0.29	0.39	0.66	0.55	1.02	0.97	0.88	0.67
07/06/2014	0.25	0.39	0.67	0.56	1.11	0.97	0.86	0.68
07/07/2014	0.35	0.39	0.66	0.57	1.21	0.97	0.80	0.69
07/08/2014	0.38	0.39	0.65	0.57	1.11	0.96	0.87	0.70
07/09/2014	0.37	0.39	0.65	0.58	1.02	0.96	0.91	0.72
07/10/2014	0.35	0.39	0.69	0.59	1.00	0.95	0.94	0.73
07/11/2014	0.35	0.38	0.72	0.59	0.99	0.96	0.97	0.74
07/12/2014	0.41	0.38	0.73	0.60	0.99	0.96	0.96	0.76
07/13/2014	0.38	0.38	0.74	0.61	1.02	0.97	0.98	0.77

Electrical Conductivity (EC) units: milliSiemens per Centimeter
 md : mean daily
 NR : No Record
 NC : Average not computed due to insufficient data
 BR : Below Rating
 e : estimated value