

## Proposed revised Table 4 (1995 Bay-Delta Plan, p. 43 - 44)

Table 4. Water Quality Compliance and Baseline Monitoring

Station Number <sup>1</sup>	Station Description <sup>2</sup>	Latitude <sup>3</sup>	Longitude <sup>3</sup>	Cont. Rec. <sup>4</sup>	Cont. Multi-parameter <sup>5</sup>	Discrete Physical/Chemical <sup>6</sup>	Discr. Phytoplankton <sup>7</sup>	Discr. Zooplankton <sup>8</sup>	Discrete Benthos <sup>9</sup>
C2	■ Sacramento River @ Collinsville	38.07395	-121.85010	*					
C3A	▲ Sacramento River @ Hood	38.36772	-121.52051		*	*	*	*	
C4	■ San Joaquin River @ San Andreas Landing	38.10319	-121.59128	*					
C5	■ Contra Costa Canal @ Pumping Plant #1	37.99520	-121.70244	*					
C6	■ San Joaquin River @ Brandt Bridge site	37.86454	-121.32270	*					
C7	▲ San Joaquin River @ Mossdale Bridge	37.78604	-121.30666		*				
C8	■ Old River near Middle River	37.82208	-121.37517	*					
C9	● West Canal @ Mouth of CC Forebay Intake	37.82818	-121.55275						*
		37.83075	-121.55703		*	*	*	*	
C10	● San Joaquin River near Vernalis	37.67575	-121.26500	*					
		37.67934	-121.26472		*	*	*	*	
C13	■ Mokelumne River @ Terminous	38.11691	-121.49888	*					
C14	■ Sacramento River @ Port Chicago	38.05881	-122.02607	*					
C19	■ Cache Slough @ City of Vallejo Intake	38.29687	-121.74784	*					
D4	▲ Sacramento River above Point Sacramento	38.06214	-121.81792			*	*	*	*
D6	▲ Suisun Bay @ Bull's Head Pt. near Martinez	38.04427	-122.11764			*	*	*	*
D6A	▲ Suisun Bay @ Martinez	38.02762	-122.14052		*				
D7	▲ Grizzly Bay @ Dolphin nr. Suisun Slough	38.11708	-122.03972	*		*	*	*	*
D8	▲ Suisun Bay off Middle Point nr. Nichols	38.05992	-121.98996			*	*	*	
D9	▲ Honker Bay near Wheeler Point	38.07245	-121.93923	*		*	*		
D10	● Sacramento River @ Chipps Island	38.04288	-121.92011		*	*			
		38.04631	-121.91829					*	
D11	▲ Sherman Lake near Antioch	38.04228	-121.79951	*		*	*		
D12	● San Joaquin River @ Antioch Ship Channel	38.01770	-121.80273		*	*			
		38.02162	-121.80638					*	
D15	■ San Joaquin River @ Jersey Point	38.05190	-121.68927	*					
D16	▲ San Joaquin River @ Twitchell Island	38.09690	-121.66912					*	*
D19	▲ Franks Tract near Russo's Landing	38.04376	-121.61477	*		*	*	*	
D22	● Sacramento River @ Emmatton	38.08406	-121.73912	*					
		38.08453	-121.73914					*	
D24	● Sacramento River below Rio Vista Bridge	38.15891	-121.68721		*	*			
		38.15550	-121.68113						*

(continued)

■ Compliance monitoring station

▲ Baseline monitoring station

● Compliance and baseline monitoring station

## Proposed revised Table 4, continued

Table 4. Water Quality Compliance and Baseline Monitoring (continued)

Station ID <sup>1</sup>	Station Description <sup>2</sup>	Latitude <sup>3</sup>	Longitude <sup>3</sup>	Cont. Rec. <sup>4</sup>	Cont. Multi-parameter <sup>5</sup>	Discrete Physical/Chemical <sup>6</sup>	Discr. Phytoplankton <sup>7</sup>	Discr. Zooplankton <sup>8</sup>	Discrete Benthos <sup>9</sup>
D26	▲ San Joaquin River @ Potato Point	38.07667	-121.56696			*	*	*	
D28A	▲ Old River near Rancho Del Rio	37.97038	-121.57271			*	*	*	*
		37.96980	-121.57210	*					
D29	■ San Joaquin River @ Prisoners Point	38.05793	-121.55736	*					
		38.05793	-121.55736			*	*	*	
D41	▲ San Pablo Bay near Pinole Point	38.03016	-122.37287			*	*	*	*
D41A	▲ San Pablo Bay near Mouth of Petaluma River	38.08472	-122.39067			*	*	*	*
DMC1	● Delta-Mendota Canal @ Tracy Pump. Plt.	37.78165	-121.59050		*				
P8	▲ San Joaquin River @ Buckley Cove	37.97815	-121.38242			*	*	*	*
P8A	▲ San Joaquin River @ Rough and Ready Island	37.96277	-121.36587		*				
P12	■ Old River @ Tracy Road Bridge	37.80493	-121.44929	*					
MD10	▲ Disappointment Slough near Bishop Cut	38.04229	-121.41935			*	*	*	
S21	■ Chadbourne Slough @ Sunrise Duck Club	38.18476	-122.08315	*					
S35	▲ Goodyear Sl. @ Morrow Is. Clubhouse	38.11881	-122.09580	*					
S42	● Suisun Slough 300' south of Volanti Slough	38.18053	-122.04696	*		*	*		
		38.18027	-122.04779					*	
S49	■ Montezuma Slough near Beldon Landing	38.18686	-121.97080	*					
S64	■ Montezuma Slough @ National Steel	38.12223	-121.88800	*					
S97	▲ Cordelia Slough @ Ibis Club	38.15703	-122.11378	*					
NZ032	▲ Montezuma Slough, 2nd bend from mouth	38.16990	-122.02112					*	
SLBAR3	■ Barker Slough @ North Bay Aqueduct	38.27474	-121.79499	*					
---	■ Sacramento R. (I St. Bridge to Freeport) (RSAC155)	38.589 to 38.45585	-121.504 to -121.50302	*					
---	▲ San Joaquin R. (Turner Cut to Stockton) (RSAN050-RSAN061)	37.99746 to 37.95242	-121.44435 to -121.31750	*					
---	▲ Water supply intakes for waterfowl management areas on Van Sickle Island and Chipps Island			*					

■ Compliance monitoring station

▲ Baseline monitoring station

● Compliance and baseline monitoring station

**Footnotes for Proposed Revised Table 4. Water Quality Compliance and Baseline Monitoring**

- <sup>1</sup> All stations with a compliance monitoring component are identified by historical "interagency" station numbers as given in SWRCB D-1641 (2000) and D-1485 (1978). Modified station ID numbers (e.g. C3A) identify baseline stations near historical stations.
- <sup>2</sup> All stations with a compliance monitoring component retain their historical "interagency" station descriptions as given in SWRCB D-1641 (2000) and D-1485 (1978). Baseline stations with modified station ID numbers (e.g. C3A) have modified station descriptions.
- <sup>3</sup> Coordinates are geographic North American Datum 1983 and have been verified to be accurate for 1:24,000 scale mapping.
- <sup>4</sup> Continuous recording (every 15 minutes) of water temperature, electrical conductivity (EC), and/or dissolved oxygen. For municipal and industrial intake chloride objectives, EC can be monitored and converted to chloride concentration.
- <sup>5</sup> Continuous multi-parameter monitoring (recording every 1 to 15 minutes with telemetry capabilities) includes the following variables: water temperature, EC, pH, dissolved oxygen, turbidity, chlorophyll fluorescence, tidal elevation, and meteorological data (air temperature, wind speed and direction, solar radiation).
- <sup>6</sup> Discrete physical/chemical monitoring is conducted on a year-round, near-monthly basis that alternates between spring and neap tides and includes the following variables: macronutrients (inorganic forms of nitrogen, phosphorus, and silicon), total suspended solids, total dissolved solids, total, particulate and dissolved organic nitrogen and carbon, chlorophyll *a*, pH, dissolved oxygen (DO), EC (specific conductance), turbidity, secchi depth, and water temperature. In addition, on-board continuous recording is conducted intermittently for the following variables: water temperature, dissolved oxygen, electrical conductivity, turbidity, and chlorophyll *a* fluorescence.
- <sup>7</sup> Discrete sampling for phytoplankton enumeration or algal pigment analysis is conducted on a year-round, near-monthly basis that alternates between spring and neap tides.
- <sup>8</sup> Tow or pump sampling for zooplankton, mysids, and amphipods is conducted on a year-round, near-monthly basis that alternates between spring and neap tides.
- <sup>9</sup> In water years 2004 and 2005, replicated benthos and sediment grab samples are taken quarterly (every three months) and during special studies; more frequent monitoring sampling resumes in water year 2006.

Proposed revised Figure 2 (1995 Bay-Delta Plan, p. 45)

