Table M-1. Selenium Concentrations in Water at Inflow Sources to the Delta

Delta Sources	Representative Inflow Site	GM Se Concentration in Water (µg/L)[a]	Years	Source
Delta Agriculture	Mildred Island, Center	0.11	2000	Lucas and Stewart 2007
East Delta Tributaries	Mokelumne, Calaveras, and Cosumnes Rivers	0.10[b]	None	None
Martinez/Suisun Bay	San Joaquin River near Mallard Island	0.10	02/2000–08/2008	SFEI Website 2014
Sacramento River	Sacramento River at Freeport	0.09	11/2007–07/2014	USGS Website 2014
San Joaquin River	San Joaquin River at Vernalis (Airport Way)	0.45 [c]	11/2007-08/2014	USGS Website 2014
San Joaquin River	San Joaquin River at Vernalis (Airport Way)	0.83 [d]	1999-2000	SWAMP Website 2009
San Joaquin River	San Joaquin River at Vernalis (Airport Way)	0.85	2004-2005	SWAMP Website 2009
San Joaquin River	San Joaquin River at Vernalis (Airport Way)	0.58	2006-2007	SWAMP Website 2009
Yolo Bypass	Sacramento River below Knights Landing	0.23[e]	2004, 2007, 2008	DWR Website 2009

Notes:

[a] Selenium concentrations are in dissolved fraction unless otherwise noted.

[b] Dissolved selenium concentration is assumed to be 0.1 µg/L due to lack of available data and lack of sources that would be expected to result in concentrations greater than 0.1 µg/L.

[c] Data used to represent current/baseline conditions for comparison of alternatives.

[d] Not specified whether total or dissolved selenium; data for 1999-2000 used for bioaccumulation by bass in 2000; data for 2004-2005 for bass in 2005; and data for 2006-2007 for bass in 2007.

[e] Total selenium concentration in water.

µg/L = microgram(s) per liter

GM = geometric mean

Se = selenium