

COLUSA DRAIN CONSTITUENTS

Pollutant	Sacramento River upstream of drain (Colusa)	COLUSA BASIN DRAIN	Sacramento River downstream of drain (Verona)	Study used
Ammonia	0.02 mg/L	0.06 mg/L	0.03 mg/L as N	USGS SRWP
Arsenic	1 ug/L 1 ug/L	2.4 ug/L	1 ug/L 1 ug/L	SRWP USGS
Carbofuran	<31 ng/L	404 ng/L	63 ng/L	USGS
Chromium	<RL 1.2 ug/L	2.6-6.3 ug/L	1 ug/L 1.3 ug/L	SRWP USGS
Copper	1.4 ug/L 1.8 ug/L	8-21.5 ug/L	1.7 ug/L 1.9 ug/L	SRWP USGS
Diazinon	E1 - <28 ng/L	55 - 4033 ng/L	76 ng/L	USGS
DOC	1.4 mg/L 1.4 mg/L	5.1 -10 mg/L	1.6 mg/L 1.6 mg/L	SRWP USGS
Iron	10 ug/L 12 ug/L	377 - 4280 ug/L	13 ug/L 12.5 ug/L	SRWP USGS
Malathion	E17-<57ng/L	300-1000 ng/L	E8 - <57 ng/L	USGS DPR
Manganese	5 ug/L 4 ug/L	118-843 ug/L 62 - 71 ug/L	5 ug/L 5 ug/L	SRWP USGS
Mercury	4.4 ng/L 4.57 ng/L	7.1-19.27 ng/L	6.4 ng/L 6.36 ng/L	SRWP USGS
Methyl mercury	0.1 ng/L 0.1 ng/L	0.19-0.9 ng/L	0.12 ng/L 0.12 ng/L	SRWP USGS
Molinate	E20 - <60 ng/L	10300- 19600 ng/L	514.5 ng/L	USGS DPR
Nickel	1ug/L 1.1 ug/L	10.1-16.9 ug/L 1.7-5 ug/L	1 ug/L 1 ug/L	SRWP USGS
Thiobencarb	E1-<38 ng/l	4970-5871 ng/L	124.5 ng/L	USGS

TOC	1.9 mg/L	6.7 mg/L	2.2 mg/L	SRWP
-----	----------	----------	----------	------

USGS = Water-Quality Assessment of the Sacramento River Basin, California: Water-Quality, Sediment and Tissue Chemistry & Biological Data, 1995-1998.http://water.wr.usgs.gov/sac_nawqa/waterindi

SRWP = Sacramento River Watershed Program, 1999-2000 Annual Monitoring Report, <http://www.sacriver.org/subcommittees/monitoring/documents/SRWP%20AMR%20App%20A-D.pdf>

DPR = Rice Pesticides Monitoring in the Sacramento Valley, 1995 -

Study: <http://www.cdpr.ca.gov/docs/emppm/pubs/ehapreps/eh9803.pdf>

Tables; <http://www.cdpr.ca.gov/docs/emppm/pubs/ehapreps/eh983tabl.pdf>

Rice Pesticides Program 1999 Update, <http://www.cdpr.ca.gov/docs/surfwatr/1999.Ddf>