

Watershed Summary Information

Accounting Unit Name:	Tulare-Buena Vista Lakes
State(s):	CA
Political Boundaries:	Tulare, Kern, Fresno, Kings
Major Waterways:	Kings R Kern R Kaweah R Tule R Poso R
Number of Stations in Watershed:	Tier1 - 10 Tier2 - 5 Tier3 - 5



Figure 173. Watershed Location Map

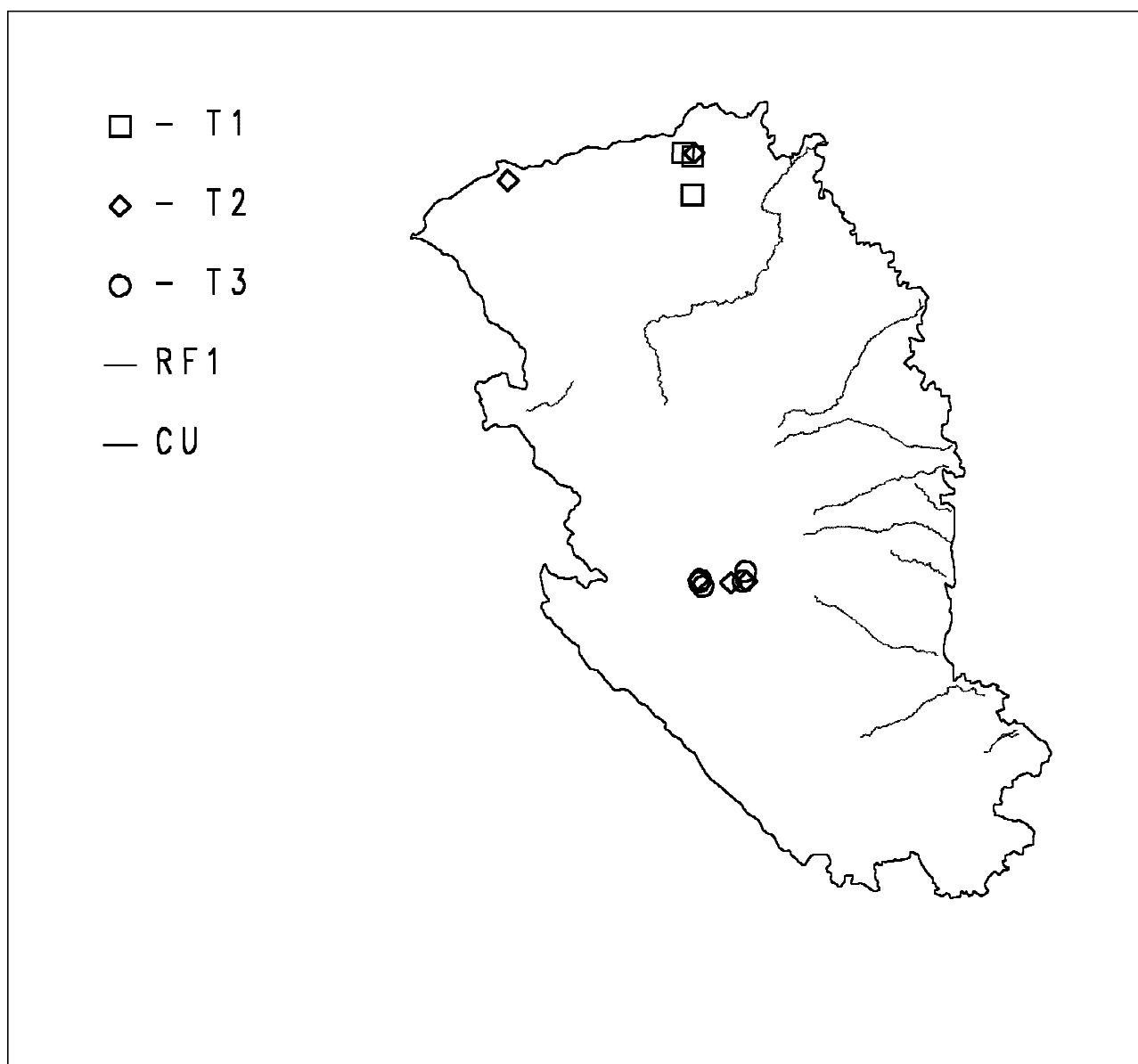


Figure 174. Major Waterways and Location of Sampling Stations

Data Source(s) Used in Evaluation

Source: **STORET** Agency: **112WRD**
Monitoring Program: **US Geological Survey Data**
Num. of Stations: 20 Date Range: 1982-86

Chemicals Responsible for Sampling Station Classification as Tier 1 or Tier 2

Classifying Parameter	Number of Stations							
	All Parameters				Aquatic Life		Human Health	
	Total	T.1&2	Tier1	Tier2	Tier1	Tier2	Tier1	Tier2
DDT	20	14	9	5	9	5	.	7
Dieldrin	20	11	.	11	.	11	.	10
BHC	19	7	4	3	4	3	.	.
Polychlorinated biphenyls	14	5	1	4	1	3	.	5
Diazinon/Spectracide	19	5	.	5	.	5	.	.
Lead	5	5	.	5	.	5	.	.
Chlordane	15	4	.	4	.	4	.	4
Heptachlor epoxide	20	4	.	4	.	.	.	4
Malathion	19	4	.	4	.	4	.	.
Zinc	5	4	.	4	.	4	.	.
Cadmium	5	3	.	3	.	3	.	.
Copper	5	3	.	3	.	3	.	.
Nickel	5	3	.	3	.	3	.	.
Endosulfan mixed isomers	17	2	.	2	.	2	.	.
Benzo(a)anthracene	1	1	1	.	1	.	.	1
Benzo(a)pyrene	1	1	1	.	1	.	.	1
Bis(2-ethylhexyl)phthalate	1	1	1	.	1	.	.	1
Chrysene	1	1	1	.	1	.	.	.
Fluoranthene	1	1	1	.	1	.	.	.
Phenanthrene	1	1	1	.	1	.	.	.
Pyrene	1	1	1	.	1	.	.	.
Anthracene	1	1	.	1	.	1	.	.
Arsenic	5	1	.	1	.	1	.	.
Benzo(b)fluoranthene	1	1	.	1	.	1	.	1
Benzo(ghi)perylene	1	1	.	1	.	1	.	.
Benzo(k)fluoranthene	1	1	.	1	.	1	.	1
Indeno(1,2,3-cd)pyrene	1	1	.	1	.	1	.	1
Mercury	5	1	.	1	.	1	.	.
Naphthalene	1	1	.	1	.	1	.	.

Sediment Chemistry Data: Chemical Summary

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Acenaphthene	1	0.00	0.00	0	.	.
Acenaphthylene	1	0.00	0.00	0	.	.
Aldrin	41	0.00	0.00	0	.	.
Anthracene	1	460.00	460.00	1	460.00	460.00
Arsenic	22	3272.73	2500.00	22	15000.00	1000.00
Benzo(a)anthracene	1	3900.00	3900.00	1	3900.00	3900.00
Benzo(a)pyrene	1	6500.00	6500.00	1	6500.00	6500.00

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Benzo(b)fluoranthene	1	9200.00	9200.00	1	9200.00	9200.00
Benzo(ghi)perylene	1	11000.00	11000.00	1	11000.00	11000.00
Benzo(k)fluoranthene	1	6400.00	6400.00	1	6400.00	6400.00
Bis(2-ethylhexyl)phthalate	1	6200.00	6200.00	1	6200.00	6200.00
Bromophenyl phenyl ether, 4-	1	0.00	0.00	0	.	.
Butyl benzyl phthalate	1	0.00	0.00	0	.	.
BHC	40	2.08	1.10	24	26.00	0.30
Cadmium	14	714.29	0.00	5	5000.00	1000.00
Chlordane	33	205.97	69.00	19	3400.00	1.00
Chromium	14	13714.29	10000.00	14	40000.00	3000.00
Chrysene	1	9700.00	9700.00	1	9700.00	9700.00
Copper	22	30500.00	22500.00	20	180000.0	5000.00
Di-n-butyl phthalate	1	0.00	0.00	0	.	.
Di-n-octyl phthalate	1	0.00	0.00	0	.	.
Diazinon/Spectracide	40	5.53	0.10	21	80.00	0.10
Dibenzo(a,h)anthracene	1	0.00	0.00	0	.	.
Dichlorobenzene, 1,2-	1	0.00	0.00	0	.	.
Dichlorobenzene, 1,3-	1	0.00	0.00	0	.	.
Dichlorobenzene, 1,4-	1	0.00	0.00	0	.	.
Dieldrin	40	3.81	1.10	29	89.00	0.10
Diethyl phthalate	1	0.00	0.00	0	.	.
Dimethyl phthalate	1	0.00	0.00	0	.	.
Dimethylphenol, 2,4-	3	0.00	0.00	0	.	.
DDT	122	10.66	0.85	72	77.00	0.10
Endosulfan mixed isomers	37	0.45	0.00	2	10.00	6.70
Endrin	40	0.00	0.00	0	.	.
Ethion/Bladen	40	0.00	0.00	0	.	.
Fluoranthene	1	9400.00	9400.00	1	9400.00	9400.00
Fluorene	1	0.00	0.00	0	.	.
Heptachlor	40	0.99	0.55	24	3.10	0.10
Heptachlor epoxide	41	1.70	0.00	10	35.00	0.20
Hexachlorobenzene	1	0.00	0.00	0	.	.
Hexachlorobutadiene	1	0.00	0.00	0	.	.
Hexachloroethane	1	0.00	0.00	0	.	.
Indeno(1,2,3-cd)pyrene	1	9500.00	9500.00	1	9500.00	9500.00
Isophorone	1	0.00	0.00	0	.	.
Lead	22	459090.9	425000.0	22	1000000	100000.0
Malathion	40	1.81	0.00	11	17.00	2.00
Mercury	22	51.36	30.00	22	240.00	10.00
Methoxychlor	41	0.00	0.00	0	.	.
Mirex/Dechlorane	41	0.00	0.00	0	.	.
Naphthalene	1	150.00	150.00	1	150.00	150.00
Nickel	22	13590.91	10000.00	15	50000.00	8000.00
Nitrosodiphenylamine, N-	1	0.00	0.00	0	.	.

Sediment Parameter	Total Observations			Detected Observations		
	Num.	Mean (ppb)	Median (ppb)	Num.	Max (ppb)	Min (ppb)
Pentachlorophenol	1	0.00	0.00	0	.	.
Phenanthrene	1	2700.00	2700.00	1	2700.00	2700.00
Phenol	1	0.00	0.00	0	.	.
Polychlorinated biphenyls	32	73.28	13.00	19	860.00	3.00
Pyrene	1	15000.00	15000.00	1	15000.00	15000.00
Toxaphene	41	0.00	0.00	0	.	.
Trichlorobenzene, 1,2,4-	1	0.00	0.00	0	.	.
Zinc	22	268636.4	90000.00	22	1600000	40000.00