

Table 1 Statistics summary of ten monitoring sites in studied watersheds

River	Total		Slope crop										Conductivity	HCO ₃ ⁻	Ca ₂ ⁺	Mg ⁺	Na ⁺	K ⁺	NO ₂ ⁻	NO ₃ ⁻	NH ₄ ⁺	PO ₄ ³⁻	pH	TS	DO	T			
	Area (km ²)	IA-MS	Area (Km ²)		Crops in RS(%)																								
	(km ²)	MS	(km ²)	<5%	>5%	50	100	150	200	250	500	1000	>1000	(mS cm ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(mgL ⁻¹)	(°C)
Famaillá	164	<i>faa</i> ^a	85			0	0	0	0	0	0	0	0	98.52	42.93	10.89	2.2	5.38	1.63	0.01	6.95	0.01	0.28	7.33	79.86	7.7	14.9		
		<i>fab</i> ^b	79	53	1.03	33	36	40	44	49	57	61	69	176.08	76.09	17.33	4.45	9.3	3.06	0.02	7.59	0.04	0.72	7.51	140.28	7.55	18.5		
Jaya	279	<i>jaa</i> ^a	231			0	0	0	0	0	0	0	0	117.46	47.31	13.06	3.82	4.75	1.64	0.01	4.04	0.02	0.31	7.42	88.19	6.82	14.7		
		<i>jab</i> ^b	48	16	0.28	7	11	15	19	22	35	33	33	124.83	52.29	13.09	4.04	5.38	2	0.01	4.15	0.03	0.38	7.85	87.24	7.78	21.2		
Pueblo	403	<i>pva</i> ^a	376			0	0	0	0	0	0	0	0	109.81	48.27	11.48	3.92	5.46	1.96	0.01	4.3	0.02	0.21	7.52	89.17	7.33	15.8		
Viejo		<i>pvb</i> ^b	27	8	0.05	1	3	5	6	11	18	24	31	114.83	51.59	11.09	4.87	5.6	2.3	0.01	3.6	0.02	0.36	7.85	88.19	7.81	18.3		
Seco	162	<i>sea</i> ^a	126			0	0	0	0	0	0	0	0	84.15	36.86	8.04	1.91	7.69	1.7	0	1.48	0.01	0.33	7.85	75.42	7.8	21.6		
		<i>seb</i> ^b	36	16	0.08	6	16	22	29	39	52	49	45	104.13	46.14	9.76	2.5	8.27	2.36	0	1.5	0.1	0.46	8.06	86.39	8.32	23.2		
Solco	200	<i>soa</i> ^a	178			0	0	0	0	0	0	0	0	84.14	39.71	8.64	2.79	4.07	1.37	0	3.08	0	0.13	7.66	58.33	7.57	18.3		
		<i>sob</i> ^b	22	11	0.03	5	9	14	18	24	30	35	49	94.86	45.56	9.95	3.28	4.89	1.54	0.01	2.6	0.02	0.24	8.11	75.71	8.5	19.4		

TSS, Mean values of total suspended solids; DO, Dissolved Oxygen; T°C, pH, temperature; IA-MS, water ions and nutrients. Per cent of crop Influence Area Monitoring Sites; RS, Riparian Strip