

San Juan Coastal Region

<i>Waterbody Name</i>	San Mateo Creek									Devil's Canyon Creek			Silverado Creek					
	SMC-SMC			SMC-DC			SMC-SMR			DCC-DC			SC-LCR			SC-AS		
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
Transect Number	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
ABL Laboratory Number	6316	6317	6318	6427	6428	6429	6388	6389	6390	6433	6434	6435	6358	6359	6360	6385	6386	6387
Taxonomic Richness	25	25	22	26	26	22	15	17	19	26	29	31	16	16	25	19	22	25
Percent Dominant Taxon	39	30	23	15	27	20	36	30	21	15	13	26	44	48	51	28	29	33
Ephemeroptera Taxa	3	3	2	3	3	2	1	2	1	4	5	6	2	1	4	4	4	5
Plecoptera Taxa	0	1	0	0	0	0	0	0	0	1	1	2	0	1	1	1	1	1
Trichoptera Taxa	3	2	5	7	6	5	2	1	2	4	6	7	1	2	1	2	3	3
EPT Taxa	6	6	7	10	9	7	3	3	3	9	12	15	3	4	6	7	8	9
EPT Index (%)	13	22	14	41	40	52	11	4	11	38	50	26	16	13	8	42	47	45
Sensitive EPT Index (%)	9	13	7	20	24	35	0	0	0	19	21	14	1	3	1	4	7	3
Percent Chironomidae	55	52	57	28	35	34	14	3	12	24	27	33	70	76	65	21	35	23
Percent Hydropsychidae	1	0	1	7	6	6	3	0	1	8	9	1	0	0	0	0	0	0
Percent Baetidae	3	8	5	14	11	12	7	3	10	9	11	4	15	10	6	10	10	33
Shannon Diversity	2.1	2.2	2.2	2.8	2.5	2.4	2.0	2.2	2.4	2.8	2.8	2.7	1.6	1.5	1.9	2.0	2.1	2.1
Tolerance Value	5.9	5.2	6.3	4.9	5.2	4.5	7.0	7.2	6.9	5.6	5.1	5.8	5.6	5.4	5.6	6.2	5.2	5.7
Percent Intolerant Taxa (0-2)	9	13	7	10	7	6	0	1	0	16	9	7	1	3	1	6	6	3
Percent Tolerant Taxa (8-10)	13	7	27	14	19	6	50	53	41	30	17	32	12	6	15	44	13	24
Percent Collectors	39	58	70	46	61	51	31	23	32	51	44	37	63	60	72	59	72	64
Percent Filterers	55	34	21	33	19	35	6	4	17	18	30	17	23	28	12	6	12	9
Percent Grazers	2	4	3	16	14	10	62	65	45	17	16	35	12	7	9	29	11	21
Percent Predators	4	4	4	4	6	5	1	9	6	14	10	11	2	5	7	5	3	4
Percent Shredders	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	2

Santa Margarita River Watershed

<i>Waterbody Name</i>	Santa Margarita River												Sandia Creek						Roblar Creek			De Luz Creek		
	SMR-WGR			SMR-DP			SMR-DLR			SMR-CP			SC-SCR			SC-DLR			ROB-DLZ			DLC-DLM		
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
Transect Number	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
ABL Laboratory Number	6451	6452	6453	6367	6368	6369	6370	6371	6372	6418	6419	6420	6382	6383	6384	6379	6380	6381	6436	6437	6438	6457	6458	6459
Taxonomic Richness	16	24	24	20	18	17	12	12	11	18	19	24	33	19	30	28	26	27	24	25	27	28	17	23
Percent Dominant Taxon	43	37	25	22	28	36	45	53	43	24	24	52	27	42	32	19	16	16	56	31	24	15	38	24
Ephemeroptera Taxa	2	2	4	3	2	3	2	3	3	5	5	5	3	2	3	3	2	2	3	2	4	1	1	3
Plecoptera Taxa	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	0	1	0	1	0	1
Trichoptera Taxa	4	5	5	5	5	2	0	0	0	1	1	0	7	4	7	6	4	6	4	4	4	6	5	6
EPT Taxa	6	7	9	8	7	5	2	3	3	6	6	5	11	7	10	10	7	9	7	7	8	8	6	10
EPT Index (%)	42	15	31	70	69	84	11	71	24	59	48	81	38	57	50	30	30	39	12	27	17	57	71	58
Sensitive EPT Index (%)	1	1	4	0	0	0	0	0	0	0	0	0	5	9	7	5	1	5	1	6	12	14	11	18
Percent Chironomidae	6	39	31	19	14	11	22	11	52	17	15	5	27	23	21	11	17	21	13	29	45	13	10	19
Percent Hydropsychidae	17	4	11	21	47	3	0	0	0	1	1	0	2	5	7	8	12	18	1	19	1	29	22	10
Percent Baetidae	22	8	10	24	17	46	5	18	18	49	35	73	31	43	35	16	17	14	8	1	3	13	38	25
Shannon Diversity	1.8	2.0	2.5	2.4	2.2	1.9	1.9	1.6	1.8	2.0	2.2	1.8	2.6	2.0	2.4	2.6	2.5	2.8	1.9	2.2	2.5	2.7	2.1	2.5
Tolerance Value	5.4	5.6	5.4	5.0	4.8	5.1	5.9	5.5	5.5	5.0	6.8	4.8	5.6	4.9	5.2	5.4	5.3	5.3	7.1	6.2	5.8	4.2	4.3	4.3
Percent Intolerant Taxa (0-2)	1	1	4	0	0	0	0	0	0	0	0	0	4	10	7	6	1	5	4	6	8	12	7	9
Percent Tolerant Taxa (8-10)	1	2	2	2	2	1	11	12	6	0	35	10	13	3	6	23	17	16	69	40	26	0	0	1
Percent Collectors	28	50	43	62	37	88	37	88	80	74	56	92	71	70	63	32	38	38	24	21	46	35	59	57
Percent Filterers	61	41	37	31	55	9	55	11	20	20	36	4	16	13	25	34	42	33	10	33	30	48	30	18
Percent Grazers	3	3	10	1	0	0	2	0	0	0	0	0	4	9	7	26	14	17	63	36	15	8	6	8
Percent Predators	8	7	10	6	7	3	6	1	0	5	8	4	7	8	4	6	5	9	3	10	9	10	5	15
Percent Shredders	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	2	1	3	0	0	0	0	0	2

San Luis Rey River Watershed

Carlsbad Coastal Region

<i>Waterbody Name</i> <i>StationID</i>	San Luis Rey River									Fry Creek						Agua Hedionda Creek		
	Keys Creek			San Luis Rey River			French Creek			Fry Creek			AHC-ECR					
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3			
ABL Laboratory Number	6373	6374	6375	6355	6356	6357	6406	6407	6408	6361	6362	6363	6349	6350	6351	6415	6416	6417
Taxonomic Richness	27	21	20	20	16	15	9	8	10	24	30	24	29	26	33	16	20	19
Percent Dominant Taxon	23	35	44	20	37	39	53	69	44	43	21	22	31	31	33	57	48	27
Ephemeroptera Taxa	2	1	2	3	2	1	1	1	1	4	4	3	4	3	4	2	3	3
Plecoptera Taxa	2	1	1	0	0	1	0	0	0	1	0	0	2	4	5	0	0	0
Trichoptera Taxa	4	5	5	4	1	4	0	0	0	4	6	3	1	0	0	0	1	1
EPT Taxa	8	7	8	7	3	6	1	1	1	9	10	6	7	7	9	2	4	4
EPT Index (%)	45	36	29	26	38	44	1	0	0	15	28	31	22	12	18	83	15	35
Sensitive EPT Index (%)	7	8	9	1	0	1	0	0	0	5	9	4	19	11	16	0	0	0
Percent Chironomidae	25	45	53	34	21	8	25	25	24	69	19	29	51	57	59	7	16	11
Percent Hydropsychidae	14	16	4	2	1	1	0	0	0	7	1	1	0	0	0	0	0	0
Percent Baetidae	23	12	15	20	37	39	1	0	0	1	9	4	2	0	1	83	14	34
Shannon Diversity	2.3	2.2	2.0	2.3	1.7	1.6	1.3	1.0	1.4	2.0	2.7	2.5	2.3	2.3	2.5	1.4	2.0	2.1
Tolerance Value	5.0	4.9	5.0	5.9	5.8	5.7	5.8	5.8	6.0	5.5	5.9	5.9	4.8	5.0	4.7	4.9	5.9	5.8
Percent Intolerant Taxa (0-2)	6	8	8	1	0	1	0	0	0	3	7	5	20	13	17	0	0	0
Percent Tolerant Taxa (8-10)	2	0	3	11	9	8	2	0	1	3	14	6	7	7	4	4	10	21
Percent Collectors	49	49	63	52	65	58	35	92	41	70	41	48	60	44	43	89	32	66
Percent Filterers	35	31	23	41	33	40	64	8	58	19	26	32	22	26	5	8	61	29
Percent Grazers	1	2	3	1	0	1	0	0	0	3	3	5	7	13	4	0	3	0
Percent Predators	13	13	6	6	3	1	0	0	1	6	22	14	10	14	47	3	3	5
Percent Shredders	3	6	6	0	0	0	0	0	0	2	7	2	0	2	1	0	0	0

San Dieguito River Watershed

Los Penasquitos Region

<i>Waterbody Name</i> <i>StationID</i>	Black Mountain Ck			Boden Canyon Creek						Santa Ysabel Creek						Los Penasquitos Creek		
	BMC-CG			BCN-1			BCN-2			SYC-H79			SYC-NT			LPC-BMR		
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
Transect Number																		
ABL Laboratory Number	6352	6353	6354	6409	6410	6411	6412	6413	6414	6463	6464	6465	6376	6377	6378	6400	6401	6402
Taxonomic Richness	25	35	28	23	24	24	14	20	17	21	17	19	17	20	15	14	14	13
Percent Dominant Taxon	38	18	22	18	17	18	53	34	30	45	72	56	54	44	51	84	63	83
Ephemeroptera Taxa	4	5	4	1	2	3	0	2	3	7	4	3	4	5	3	2	2	2
Plecoptera Taxa	0	1	1	1	2	2	0	1	0	1	0	0	1	1	1	0	0	0
Trichoptera Taxa	4	8	9	4	5	4	3	5	4	1	1	1	1	3	2	1	0	2
EPT Taxa	8	14	14	6	9	9	3	8	7	9	5	4	6	9	6	3	2	4
EPT Index (%)	16	47	36	29	26	40	5	10	16	36	9	11	16	15	20	6	13	7
Sensitive EPT Index (%)	4	24	17	25	19	35	5	6	9	28	7	4	12	9	16	0	0	0
Percent Chironomidae	61	37	53	47	43	36	63	35	51	12	10	19	80	74	73	5	4	3
Percent Hydropsychidae	8	14	5	4	3	2	0	0	0	0	0	0	0	0	0	0	0	1
Percent Baetidae	4	6	6	0	3	3	0	3	2	7	3	7	3	4	4	5	13	6
Shannon Diversity	2.3	2.8	2.7	2.5	2.7	2.6	1.6	2.1	2.1	1.9	1.3	1.7	1.5	1.8	1.7	0.8	1.4	0.9
Tolerance Value	5.6	4.7	5.1	5.0	5.3	4.2	6.2	6.4	5.8	5.1	7.1	6.8	5.0	5.2	4.7	5.9	5.9	5.9
Percent Intolerant Taxa (0-2)	1	14	10	2	11	19	1	2	0	28	7	5	4	8	15	0	0	0
Percent Tolerant Taxa (8-10)	10	7	8	4	17	2	26	47	24	46	77	59	1	3	1	2	7	3
Percent Collectors	61	43	54	38	37	32	31	59	57	13	8	14	64	61	70	10	23	10
Percent Filterers	23	32	20	40	32	32	58	22	33	7	9	20	31	33	23	85	75	84
Percent Grazers	3	17	14	3	11	10	5	13	5	72	80	61	0	3	0	1	0	0
Percent Predators	13	7	10	18	17	21	6	6	5	7	2	4	5	3	7	4	2	6
Percent Shredders	0	0	1	0	4	6	0	0	0	1	0	0	0	0	0	0	0	0

<i>Waterbody Name</i> <i>StationID</i>	San Diego River Watershed									Sweetwater River Watershed											
	Boulder Creek			Cedar Creek			Conejos Creek			Cold Creek			Sweetwater River								
	BC-BCR			CC-CCR			CON-ECR			CC-CSP			SWR-CSPD			SWR-CSPU			SWR-79		
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
ABL Laboratory Number	6313	6314	6315	6310	6311	6312	6394	6395	6396	6319	6320	6321	6454	6455	6456	6322	6323	6324	6460	6461	6462
Taxonomic Richness	18	14	25	39	32	32	15	12	13	25	20	32	22	36	35	32	15	28	16	16	15
Percent Dominant Taxon	31	33	33	19	20	23	35	42	59	27	31	31	35	16	24	32	47	16	48	46	34
Ephemeroptera Taxa	1	1	5	4	5	4	2	2	0	2	4	4	2	4	5	5	1	5	1	1	1
Plecoptera Taxa	0	1	0	1	0	1	0	0	0	1	2	4	2	2	1	0	0	0	1	0	1
Trichoptera Taxa	1	1	1	6	4	4	4	0	3	1	1	3	1	5	5	3	1	4	1	1	2
EPT Taxa	2	3	6	11	9	9	6	2	3	4	7	11	5	11	11	8	2	9	3	2	4
EPT Index (%)	2	8	6	41	53	38	12	2	2	8	4	10	6	27	31	17	4	36	6	6	11
Sensitive EPT Index (%)	0	0	1	33	39	31	1	0	0	6	3	9	3	14	14	5	0	19	3	4	6
Percent Chironomidae	90	70	49	31	29	41	53	55	73	44	56	56	55	23	31	46	70	29	26	72	53
Percent Hydropsychidae	0	0	0	2	0	0	1	0	0	0	0	0	0	1	13	3	0	1	0	0	0
Percent Baetidae	2	5	5	0	11	3	1	2	0	0	0	0	0	5	3	9	4	12	3	3	4
Shannon Diversity	1.8	1.8	2.1	2.9	2.6	2.7	1.9	1.4	1.3	2.2	1.8	2.2	2.2	3.0	2.9	2.5	1.8	2.7	1.8	1.6	1.9
Tolerance Value	5.7	5.6	5.7	4.5	3.9	4.3	6.5	7.3	6.7	5.3	5.5	4.9	6.3	5.9	5.1	5.7	5.7	5.2	6.7	5.8	5.9
Percent Intolerant Taxa (0-2)	1	0	1	27	40	15	0	0	1	7	4	10	3	6	14	3	0	10	4	4	6
Percent Tolerant Taxa (8-10)	1	2	2	13	7	3	29	38	22	7	5	2	27	32	13	12	8	13	56	15	27
Percent Collectors	52	45	36	52	45	41	34	51	30	23	29	33	37	65	41	58	68	55	21	30	24
Percent Filterers	32	45	50	23	28	29	39	44	59	30	34	27	48	17	26	27	26	23	13	48	37
Percent Grazers	1	2	1	14	26	17	26	1	6	9	1	11	4	5	7	4	0	5	57	18	31
Percent Predators	16	9	12	11	1	12	1	5	5	37	35	28	10	13	18	10	5	7	9	3	8
Percent Shredders	0	0	0	0	0	0	0	0	0	1	1	0	2	1	8	1	0	10	0	0	0

<i>Waterbody Name</i> <i>StationID</i>	Otay River Watershed						Tijuana River Watershed																	
	Jamul Creek						Kitchen Creek						Long Canyon Ck			Noble Creek			North Pine Creek			Troy Canyon Creek		
	JC-OLR			JC-GS			KC-KCR			KC-BCF			LCC-CFC			NC-PCR			NPC-NC			TCC-TC		
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
Transect Number	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
ABL Laboratory Number	6442	6443	6444	6445	6446	6447	6337	6338	6339	6328	6329	6330	6334	6335	6336	6325	6326	6327	6331	6332	6333	6340	6341	6342
Taxonomic Richness	19	19	13	14	17	18	31	21	25	13	20	21	13	17	16	18	23	21	26	25	25	20	25	23
Percent Dominant Taxon	47	26	45	23	27	69	24	48	54	37	48	32	47	40	38	48	41	41	37	21	19	49	54	20
Ephemeroptera Taxa	1	2	1	1	1	1	3	4	2	2	2	2	3	4	2	1	4	2	2	2	2	0	2	1
Plecoptera Taxa	0	0	0	0	0	0	1	1	2	1	1	1	1	3	2	1	1	1	1	3	2	2	2	0
Trichoptera Taxa	3	3	3	3	5	4	3	1	2	2	2	2	1	1	0	2	0	1	5	3	4	1	1	1
EPT Taxa	4	5	4	4	6	5	7	6	6	5	5	5	5	8	4	4	5	4	8	8	8	3	5	2
EPT Index (%)	59	53	77	51	55	18	23	10	5	9	20	26	35	13	15	5	2	3	32	28	31	6	4	1
Sensitive EPT Index (%)	9	15	8	8	8	11	21	7	4	7	14	12	18	7	10	5	1	1	20	18	28	1	3	1
Percent Chironomidae	21	29	11	24	32	73	51	78	78	53	60	53	62	80	73	30	60	66	48	51	33	58	66	27
Percent Hydropsychidae	3	11	24	26	21	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Percent Baetidae	47	25	45	17	27	3	2	3	0	1	2	5	16	5	5	0	1	1	0	0	0	0	0	0
Shannon Diversity	1.9	2.1	1.7	2.2	2.0	1.4	2.6	1.8	1.8	1.6	1.9	2.2	1.6	1.6	1.7	1.7	1.9	2.0	2.3	2.4	2.5	2.0	1.8	2.3
Tolerance Value	5.3	4.9	4.7	4.9	5.0	5.5	4.6	5.1	5.1	5.1	5.0	5.0	4.6	5.4	5.5	5.7	5.7	5.7	4.8	5.2	5.2	5.9	5.7	6.9
Percent Intolerant Taxa (0-2)	0	0	0	0	0	0	25	7	9	6	15	13	18	7	10	5	2	1	18	18	25	2	3	1
Percent Tolerant Taxa (8-10)	12	3	1	2	2	1	3	1	2	0	6	3	0	5	9	15	11	12	9	12	25	25	20	59
Percent Collectors	74	48	59	35	40	17	44	54	63	34	65	50	68	53	52	36	55	55	70	59	43	67	76	49
Percent Filterers	18	40	31	51	48	75	11	9	9	19	12	20	14	36	39	6	16	16	9	23	18	13	13	23
Percent Grazers	4	3	0	3	2	3	6	5	1	0	3	6	0	1	0	2	1	4	9	8	21	1	0	1
Percent Predators	3	8	9	11	10	5	37	32	25	46	20	24	18	10	8	55	28	25	11	9	17	19	10	27
Percent Shredders	0	1	0	0	0	0	2	0	2	1	0	0	0	0	1	0	0	0	0	1	0	0	1	0

Tijuana River Watershed

<i>Waterbody Name</i> <i>StationID</i>	<u>Wilson Creek</u>			<u>M. Cottonwood C.</u>			<u>Pine Creek</u>			<u>Cottonwood Creek</u>			<u>La Posta Creek</u>			<u>Campo Creek</u>		
	WLC-ABL			MCC-BML			PC-H80			CC-H80			LPC-CTT			CC-H94		
	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3	T1	T2	T3
Transect Number																		
ABL Laboratory Number	6397	6398	6399	6307	6308	6309	6346	6347	6348	6304	6305	6306	6343	6344	6345	6439	6440	6441
Taxonomic Richness	23	21	22	18	18	12	24	23	26	28	22	21	30	27	24	18	19	17
Percent Dominant Taxon	32	30	30	27	33	40	26	32	42	24	58	42	22	53	22	44	33	58
Ephemeroptera Taxa	2	2	3	1	0	1	5	5	6	2	1	2	3	2	2	2	3	2
Plecoptera Taxa	1	1	2	2	2	2	1	1	0	2	2	2	2	1	1	1	1	2
Trichoptera Taxa	6	4	7	2	0	1	3	3	4	4	1	4	6	6	3	1	0	2
EPT Taxa	9	7	12	5	2	4	9	9	10	8	4	8	11	9	6	4	4	6
EPT Index (%)	23	22	27	8	3	9	30	21	23	17	3	15	21	33	10	9	10	8
Sensitive EPT Index (%)	6	3	7	3	3	4	6	2	2	10	2	10	2	8	2	6	0	2
Percent Chironomidae	53	52	55	54	71	63	44	50	59	23	3	53	32	55	41	70	63	89
Percent Hydropsychidae	0	0	0	0	0	0	1	3	1	4	0	1	1	4	0	1	0	0
Percent Baetidae	9	18	19	6	0	6	19	12	16	4	1	4	14	19	5	2	9	6
Shannon Diversity	2.3	2.2	2.0	2.0	1.8	1.7	2.4	2.3	2.1	2.5	1.6	2.2	2.7	1.8	2.4	2.0	2.1	1.4
Tolerance Value	5.8	5.8	5.5	6.0	5.9	5.7	5.5	5.6	5.5	4.4	7.1	4.9	5.7	4.8	6.4	5.2	6.0	5.3
Percent Intolerant Taxa (0-2)	5	2	7	3	3	4	6	2	1	21	6	10	4	4	1	7	0	1
Percent Tolerant Taxa (8-10)	17	20	13	12	10	4	12	5	7	2	74	0	23	1	38	6	22	2
Percent Collectors	42	65	55	44	49	32	64	61	76	41	10	58	71	76	76	54	60	72
Percent Filterers	36	23	35	50	47	63	23	32	17	13	21	13	8	13	12	26	36	23
Percent Grazers	14	6	6	2	1	2	6	1	2	34	62	13	2	4	3	2	2	1
Percent Predators	8	4	2	3	2	1	6	5	4	6	6	11	18	4	8	12	2	3
Percent Shredders	0	2	1	1	2	2	1	0	1	6	2	5	1	1	1	6	0	1