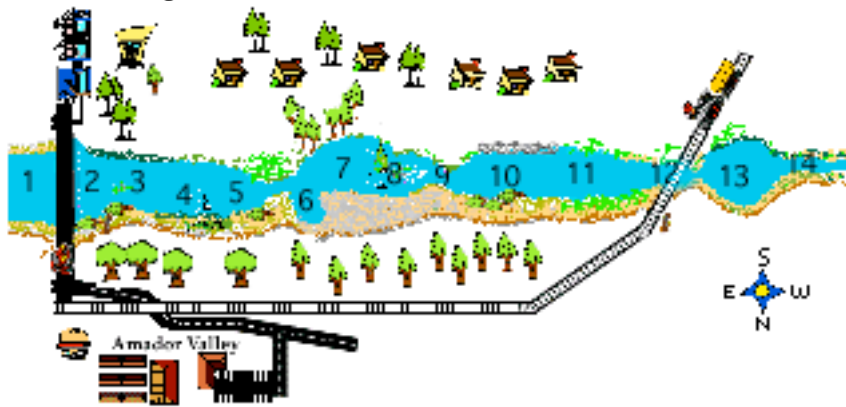


Creek Organism Collection / Observation

Date: 9/18/2012



Kicknet location(s) 12 -14- concrete bridge

Very Sensitive to Pollution	✓	#	Somewhat Tolerant to Pollution	✓	#	Very Tolerant of Pollution	✓	#
Caddis Fly Larvae	X	13	Crayfish	X	1	Pouched Snail	X	6
Mayfly Larvae	X	15	Amphipod	X	5	Orb Snail	X	12
Helgremite (Dobsonfly)			Damselfly Nymph	X	18	Flatworms	X	20
Stonefly Larvae	X	1	Dragonfly Nymph	X	7	Nematode (not segmented)		
Riffle Beetle			Crane fly Larvae	X	4	Leech (segmented)	X	4
Water Penny			Soldierfly Larvae			Oligochaete (segmented - bristles)	X	2
Gilled Snail	X	1	Daphnia			Blackfly Larvae	X	##
Frogs/Tadpoles			Volvox			Midge Larvae	X	6
Water Mite			Mosquito Fish	X		Clams	X	8
Creek Chub			Carp			Spirogyra	X	##
Sculpin	X	3	Black Bass	X	4	Rotifer		
Sacramento Squawfish			Blue Gill			Rat Tailed Maggot		

Unlisted	✓	#	Description (legs / segmented / appendages / shape / appx. Size / movement / shell / color)
A	X	1	Alderfly
B	X	5	Scorpion Bug
C	X		Fanwort - aquatic plant - limited but present
D			

Data - 9/18/2012

Barrometric Pressure 765

Cool and overcast in the morning

Sunny & Warm in the afternoon

Air Temp C 17.8-25.2

shaded = outside of desirable condition

Site	depth	Temp	Cond	Turb	Nit	DO	pH	flow
1	surf	17.5	767.6	0	2.7	5.2	6	stag
2	surf	23.9	907.2	62.3	1.19	7.5	6	slow
3	surf	21.5	673	92.7	3.1	6.2	6.5	stag
4								
5	surf	23.7	917	19	3.1	5.1	6	slow
6	surf	18.2	713.6	25	3.2	4.9	6	stag
7	surf	21.9	423	0	0.85	8.6	6.5	slow
7	bot	21.7	647.6	0	1.1	8.5	7	slow
8								
9								
10	bot	21	723	2.1	1.3	2.5	6	stag
10	surf	21.9	654	3.6	0.94	8.6	6.5	stag
11	surf	24.4	899.2	0	0.5	6.7	6.5	slow
12	surf	17.9	418.5	16.3	0.95	10.1	7	fast
13								
14	surf	20.9	365.8	3.6	1.1	9.3	6.5	fast
16	surf	21.8	406.6	11.2	0.98	8.1	6	fast
18	surf	21.9	429.5	8.7	1.1	7.7	6.5	slow
bridge	surf	21.2	318.7	1.4	0.75	9.7	7	slow
bridge	bot	20.9	323.2	3.6	1.1	9.3	6.5	slow

Productivity Jars

On Bottom clear jar - 5.9

dark jar - 4.3

On Surface clear jar - 12.6

dark jar - 4.7

Additional Observations:

significant amount of floating algae

most common algae - spirogyra, zygnema, tabellaria

large amount of decaying organic matter on the bottom

numerous microhabitats (fast, slow, shady, bright...)

variation in creek bottom (organic debris, silt, gravel, rock)

variation in channel width & depth