HUICHICA CREEK

Date 4/15/2002 Site Description Duhig Reach Length (ft) 530	Road		Ele	ID vation	HUI2002 (ft) 65	
Chemical Characteristics			Habitat Characteristics			
Water Temp (C/F)	13.5	56	Canopy Cover (%)	82		
Specific Conductivity	528		<u>Scale 0-20</u>			
рН	7.1		Substrate	13	Suboptimal	
Dissolved Oxygen (mg/L)	7.8		Embeddedness	16	Optimal	
Physical Characteristics	<u>:</u>		Substrate Complexity	13	Suboptimal	
(Average values for 3 riffle	s)		Velocity/Depth Regime	15	Suboptimal	
Riffle Length (ft)	19.3		Sediment Deposition	15	Suboptimal	
Riffle Width (ft)	5.7		Water Flow	18	Optimal	
Riffle Depth (ft)	0.2		Channel Alteration	12	Suboptimal	
Riffle Velocity (ft/sec)	0.26		Riffle Frequency	7	Marginal	
Gradient (%)	0.7		<u>Scale 0-10</u>			
Riffle Substrate (%)			Bank Stability (Left)	6	Suboptimal	
Fines	33		Bank Stability (Right)	6	Suboptimal	
Gravel	40		Vegetation (Right)	6	Suboptimal	
Cobble	27		Riparian (Right)	6	Suboptimal	
Boulder	0		Vegetation (Left)	6	Suboptimal	
Bedrock	0		Riparian (Left)	6	Suboptimal	
Consolidation	Mediu	m	Total Habitat Score	132	Suboptimal	

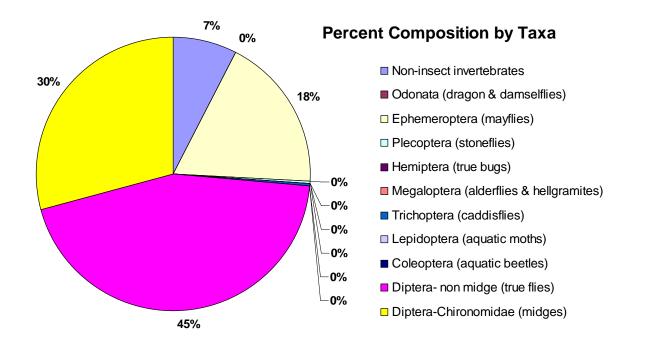


0-50 = Poor 51-100 = Marginal 101-150 = Suboptimal 151-200 = Optimal

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Benthic Macroinvertebrate Characteristics

Abundance	6,626	Percent Dominant Taxa	43.98	Index of Biological
Number of Taxa	38	Number of Tolerant Taxa	3	Integrity (IBI)
Number of Taxa (CA)	38	Percent Tolerant Taxa	8.48	9
Number of EPT	7	Number of Intolerant Taxa	6	5-11 = Poor 12-18 = Fair
Hilsenhoff	5.61	Percent Intolerant Taxa	8.26	19-25 = Good



Precent Composition by Functional Feeding Group

