

# CONN CREEK

Date 4/25/2002

Site Description Money Road

Reach Length (ft) 615

ID CON2002

Elevation (ft) 130

## Chemical Characteristics

Water Temp (C/F)	17.4	63
Specific Conductivity	433	
pH	7	
Dissolved Oxygen (mg/L)	10.1	

## Physical Characteristics

(Average values for 3 riffles)

Riffle Length (ft)	106
Riffle Width (ft)	18
Riffle Depth (ft)	0.3
Riffle Velocity (ft/sec)	1.9
Gradient (%)	3
Riffle Substrate (%)	
<i>Fines</i>	43
<i>Gravel</i>	45
<i>Cobble</i>	12
<i>Boulder</i>	0
<i>Bedrock</i>	0

Consolidation Firm

## Habitat Characteristics

Canopy Cover (%)	42	
<u>Scale 0-20</u>		
Substrate	10	Marginal
Embeddedness	10	Marginal
Substrate Complexity	10	Marginal
Velocity/Depth Regime	14	Suboptimal
Sediment Deposition	13	Suboptimal
Water Flow	9	Marginal
Channel Alteration	14	Suboptimal
Riffle Frequency	5	Poor
<u>Scale 0-10</u>		
Bank Stability (Left)	7	Suboptimal
Bank Stability (Right)	4	Marginal
Vegetation (Right)	5	Marginal
Riparian (Right)	5	Marginal
Vegetation (Left)	5	Marginal
Riparian (Left)	5	Marginal

**Total Habitat Score 106 Suboptimal**

0-50 = Poor

51-100 = Marginal

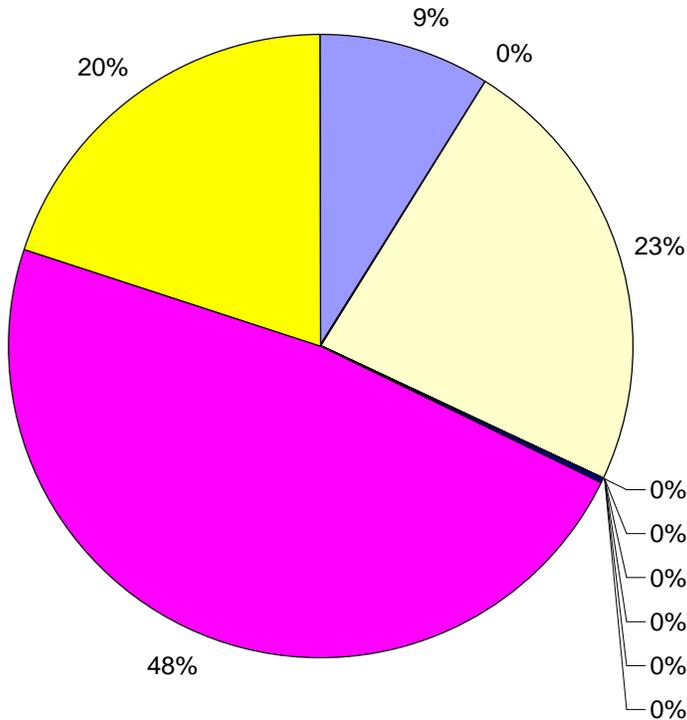
101-150 = Suboptimal

151-200 = Optimal

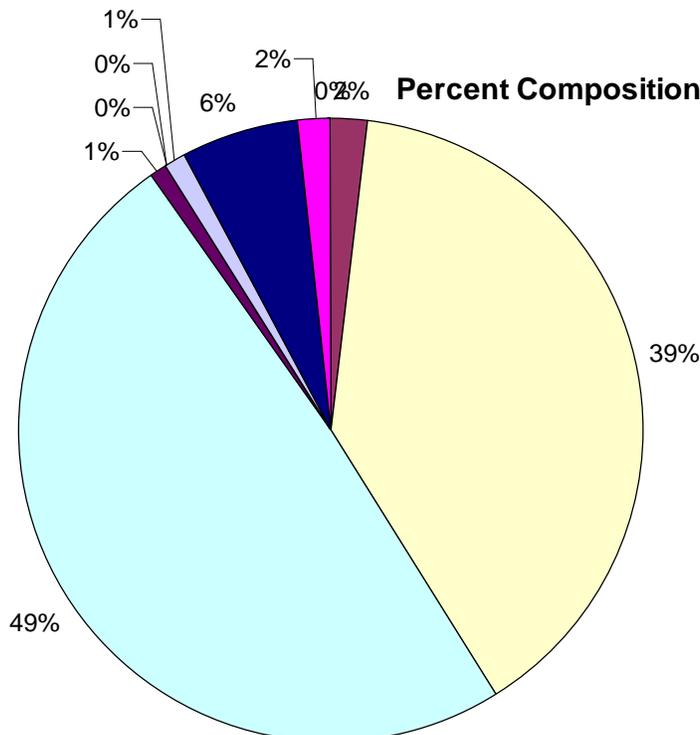
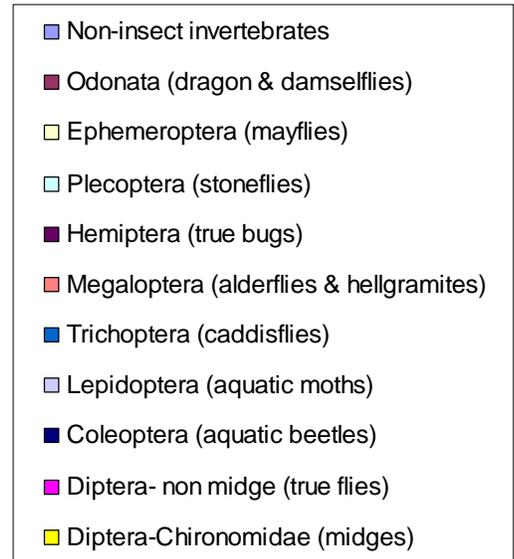
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## Benthic Macroinvertebrate Characteristics

Abundance	13,419	Percent Dominant Taxa	47.75	<b>Index of Biological Integrity (IBI)</b> <b>5</b> 5-11 = Poor 12-18 = Fair 19-25 = Good
Number of Taxa	40	Number of Tolerant Taxa	5	
Number of Taxa (CA)	40	Percent Tolerant Taxa	7.11	
Number of EPT	4	Number of Intolerant Taxa	1	
Hilsenhoff	6.02	Percent Intolerant Taxa	0.04	



**Percent Composition by Taxa**



**Percent Composition by Functional Feeding Group**

