

# JERICO CREEK

Date 4/16/2002

ID JER2002

Site Description Old Toll Road

Elevation (ft) 588

Reach Length (ft) 376

## Chemical Characteristics

Water Temp (C/F)	10.6	51
Specific Conductivity	163	
pH	7.4	
Dissolved Oxygen (mg/L)	9.84	

## Physical Characteristics

(Average values for 3 riffles)

Riffle Length (ft)	36
Riffle Width (ft)	6.3
Riffle Depth (ft)	0.4
Riffle Velocity (ft/sec)	0.8
Gradient (%)	5.9
Riffle Substrate (%)	
<i>Fines</i>	20
<i>Gravel</i>	32
<i>Cobble</i>	37
<i>Boulder</i>	12
<i>Bedrock</i>	0

Consolidation Firm

## Habitat Characteristics

Canopy Cover (%)	67	
<u>Scale 0-20</u>		
Substrate	13	Suboptimal
Embeddedness	10	Marginal
Substrate Complexity	13	Suboptimal
Velocity/Depth Regime	15	Suboptimal
Sediment Deposition	16	Optimal
Water Flow	19	Optimal
Channel Alteration	13	Suboptimal
Riffle Frequency	17	Optimal

## Scale 0-10

Bank Stability (Left)	5	Marginal
Bank Stability (Right)	6	Suboptimal
Vegetation (Right)	5	Marginal
Riparian (Right)	5	Marginal
Vegetation (Left)	2	Poor
Riparian (Left)	3	Marginal

Total Habitat Score 129 Suboptimal

0-50 = Poor

51-100 = Marginal

101-150 = Suboptimal

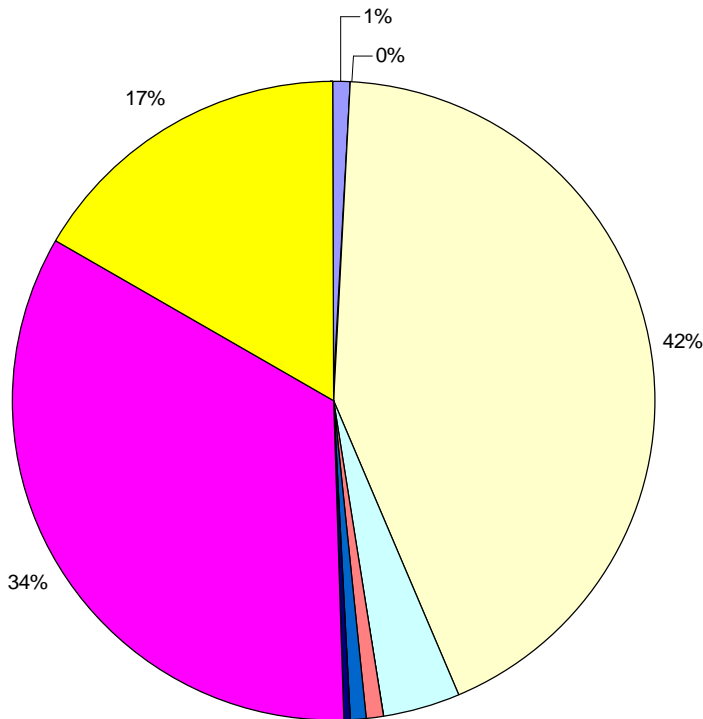
151-200 = Optimal



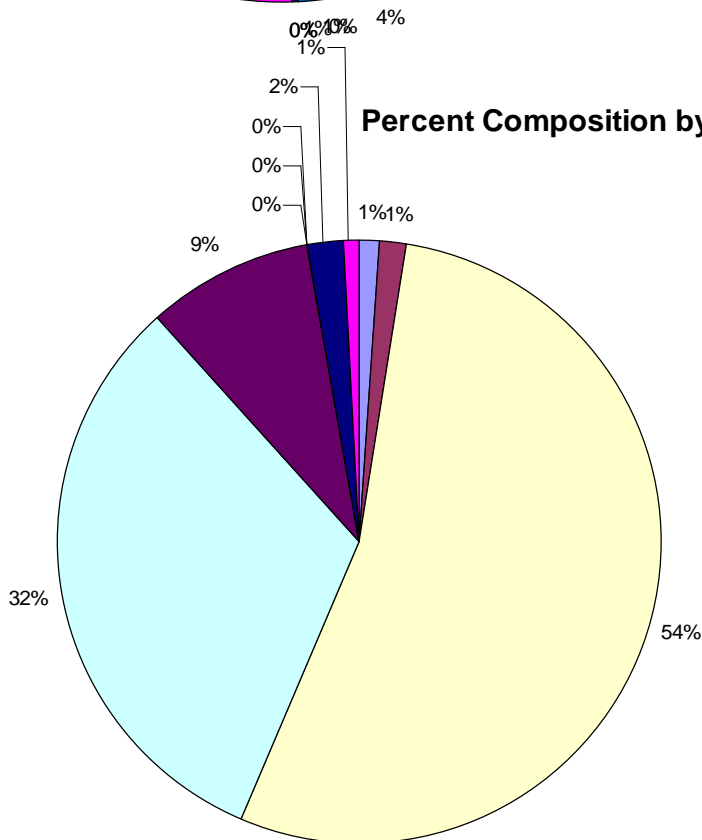
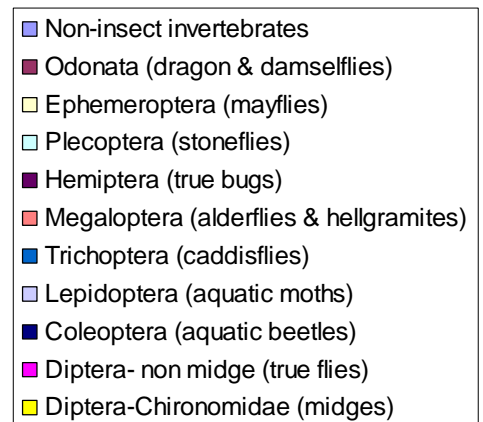
# JERICOHO CREEK

## Benthic Macroinvertebrate Characteristics

Abundance	4,265	Percent Dominant Taxa	31.45	<b>Index of Biological Integrity (IBI)</b> <b>17</b> 5-11 = Poor 12-18 = Fair 19-25 = Good
Number of Taxa	48	Number of Tolerant Taxa	3	
Number of Taxa (CA)	47	Percent Tolerant Taxa	1.44	
Number of EPT	17	Number of Intolerant Taxa	17	
Hilsenhoff	5.18	Percent Intolerant Taxa	12.76	



**Percent Composition by Taxa**



**Percent Composition by Functional Feeding Group**

