

SALVADOR CREEK

Date 5/1/2002

ID SAL2002

Site Description Summerbrook Circle

Elevation (ft) 50

Reach Length (ft) 550

Chemical Characteristics

Water Temp (C/F)	15.2	59
Specific Conductivity	487	
pH	6.5	
Dissolved Oxygen (mg/L)	8.43	

Physical Characteristics

(Average values for 3 riffles)

Riffle Length (ft)	27.3
Riffle Width (ft)	6
Riffle Depth (ft)	3
Riffle Velocity (ft/sec)	1.61
Gradient (%)	4.5
Riffle Substrate (%)	
<i>Fines</i>	18
<i>Gravel</i>	67
<i>Cobble</i>	13
<i>Boulder</i>	2
<i>Bedrock</i>	

Consolidation Loose

Habitat Characteristics

Canopy Cover (%)	78	
<u>Scale 0-20</u>		
Substrate	3	Poor
Embeddedness	8	Marginal
Substrate Complexity	3	Poor
Velocity/Depth Regime	8	Marginal
Sediment Deposition	8	Marginal
Water Flow	17	Optimal
Channel Alteration	12	Suboptimal
Riffle Frequency	11	Suboptimal

Scale 0-10

Bank Stability (Left)	3	Marginal
Bank Stability (Right)	1	Poor
Vegetation (Right)	4	Marginal
Riparian (Right)	6	Suboptimal
Vegetation (Left)	5	Marginal
Riparian (Left)	8	Suboptimal

Total Habitat Score 94

0-50 = Poor

51-100 = Marginal

101-150 = Suboptimal

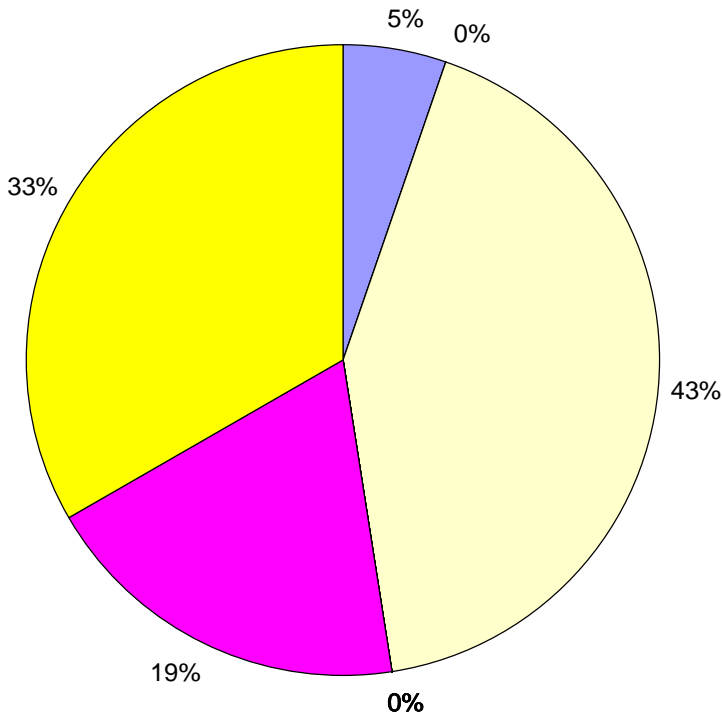
151-200 = Optimal



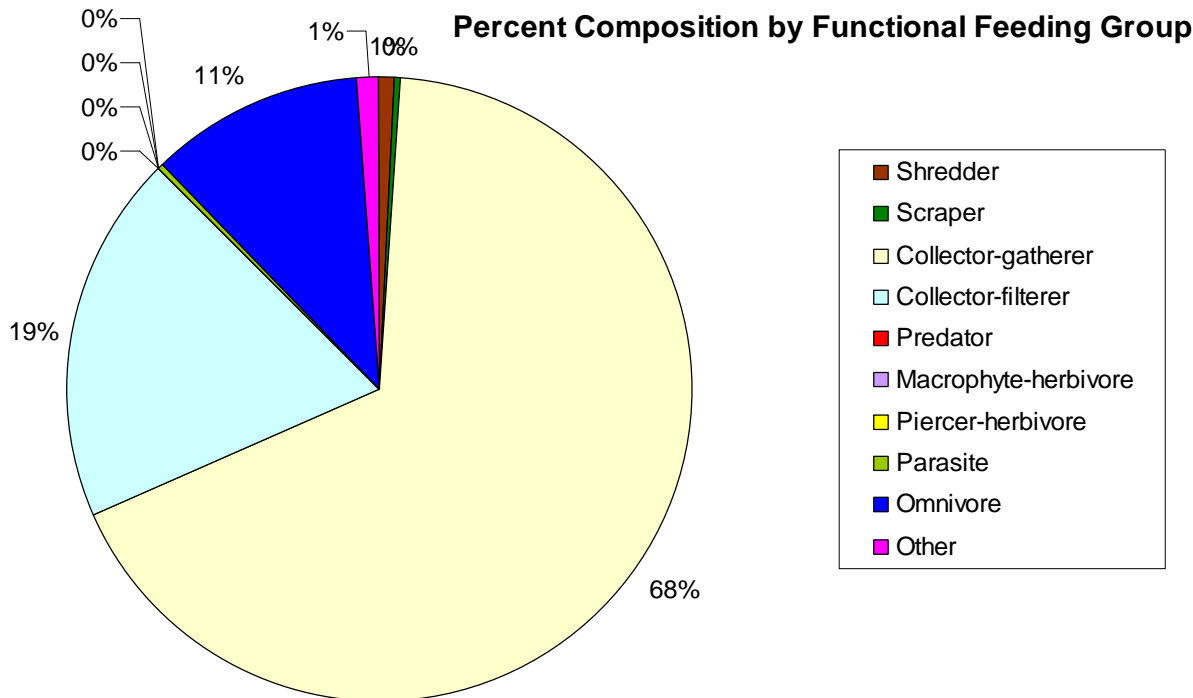
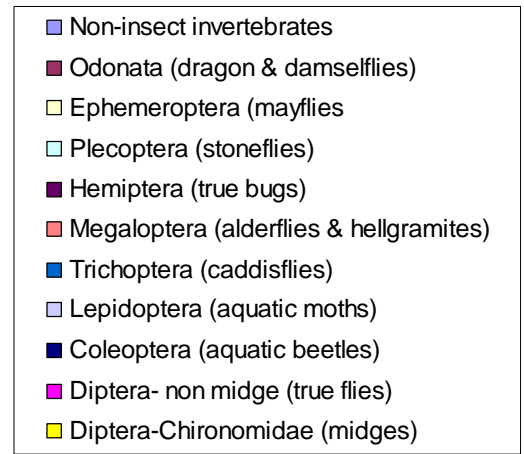
SALVADOR CREEK

Benthic Macroinvertebrate Characteristics

Abundance	5,628	Percent Dominant Taxa	42.08	Index of Biological Integrity (IBI) 5 5-11 = Poor 12-18 = Fair 19-25 = Good
Number of Taxa	28	Number of Tolerant Taxa	4	
Number of Taxa (CA)	28	Percent Tolerant Taxa	9.56	
Number of EPT	3	Number of Intolerant Taxa	0	
Hilsenhoff	6.26	Percent Intolerant Taxa	0	



Percent Composition by Taxa



Percent Composition by Functional Feeding Group

