

**Big Creek Downstream of Jennings Road**

**August 16, 2013**

**River Mile: 0.15**

**Collection Method: Backpack Electrofishing**

**Drainage Area: 37 miles<sup>2</sup>**

**Collection Distance: 0.2 km**

<b>Species</b>	<b>Number</b>	<b>Weight (kg)</b>	<b>Pollution Tolerance</b>	<b>DELT Anomalies #</b>	<b>Description</b>
Hypentelium nigricans Northern hog sucker	3	0.308	Moderately Intolerant	0	---
Catostomus commersonii Common white sucker	9	0.182	Highly Tolerant	0	---
Carassius auratus Goldfish	1	0.150	Highly Tolerant	0	---
Camptostoma anomalum Central stoneroller minnow	1	0.002	--	0	---
Ictalurus natalis Yellow bullhead	12	0.478	Highly Tolerant	0	---
Lepomis gulosus Warmouth sunfish	1	0.016	--	0	---
Lepomis cyanellus Green sunfish	9	0.852	Highly Tolerant	0	---
Lepomis macrochirus Northern bluegill sunfish	8	0.328	Moderately Tolerant	0	---
Lepomis gibbosus Pumpkinseed sunfish	1	0.010	Moderately Tolerant	0	---
HYBRID Bluegill X Pumpkinseed	1	0.020	--	1	Multiple
Neogobius melanostomus Round goby	5	0.132	--	0	---
<b>Totals</b>	<u><u>51</u></u>	<u><u>2.478</u></u>		<u><u>1</u></u>	

*DELT anomalies were observed on	1.96	% of the fish collected.
Index of Biotic Integrity (IBI) =	32	(Fair)
Modified Index of Well-Being (MIwb) =	5.4	(Poor)
Shannon Diversity Index, no.	2.023	
Shannon Diversity Index, wt.	1.829	
N	21	
B	0.996	