

**Furnace Run Upstream of Brecksville Road**

**8/2/2018**

**River Mile: 7.25**

**Collection Method: Longline Electrofishing**

**Drainage Area: 6.0 miles<sup>2</sup>**

**Collection Distance: 0.15 km**

<b>Code</b>	<b>Species</b>	<b>Number</b>	<b>Pollution Tolerance</b>	<b>DELT Anomalies #</b>	<b>Description</b>
40-016	<i>Catostomus commersonii</i> Common white sucker	38	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	69	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	155	Highly Tolerant	0	---
43-039	<i>Ericymba buccata</i> Silverjaw minnow	5	--	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	324	--	0	---
77-006	<i>Micropterus salmoides</i> Largemouth bass	1	--	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	6	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	1	Moderately Tolerant	0	---
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	1	Moderately Tolerant	0	---
80-014	<i>Etheostoma nigrum</i> Johnny darter	4	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	93	Moderately Intolerant	0	---
80-024	<i>Etheostoma flabellare</i> Barred Fantail darter	8	--	0	---
Totals		<u>705</u>		<u>0</u>	

\*DELT anomalies were observed on 0.00 % of the fish collected.  
Index of Biotic Integrity (IBI) = 40 (Good)

**Furnace Run Upstream of Wheatley Road**  
**8/2/2018**  
**River Mile: 1.85**  
**Collection Method: Longline Electrofishing**  
**Drainage Area: 17.5 miles<sup>2</sup>**  
**Collection Distance: 0.15 km**

<b>Code</b>	<b>Species</b>	<b>Number</b>	<b>Pollution Tolerance</b>	<b>#</b>	<b>DELT Anomalies Description</b>
40-015	<i>Hypentelium nigricans</i> Northern hog sucker	11	Moderately Intolerant	0	---
40-016	<i>Catostomus commersonii</i> Common white sucker	14	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	124	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	15	Highly Tolerant	0	---
43-025	<i>Notropis chrysocephalus</i> Striped shiner	13	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	23	Moderately Intolerant	0	---
43-039	<i>Ericymba buccata</i> Silverjaw minnow	10	--	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	2	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	240	--	0	---
47-004	<i>Ictalurus natalis</i> Yellow bullhead	1	Highly Tolerant	0	---
77-006	<i>Micropterus salmoides</i> Largemouth bass	1	--	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	3	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	8	Moderately Tolerant	0	---
80-014	<i>Etheostoma nigrum</i> Johnny darter	2	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	38	Moderately Intolerant	0	---

**Furnace Run Upstream of Wheatley Road**

**8/2/2018**

**River Mile: 1.85**

80-024	<i>Etheostoma flabellare</i> Barred Fantail darter	48	--	0	---
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Totals	<u>553</u>			<u>0</u>	
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*DELT anomalies were observed on	0.00	% of the fish collected.
Index of Biotic Integrity (IBI) =	46	(Very Good)

**Furnace Run Upstream of Wheatley Road**  
**9/13/2018**  
**River Mile: 1.85**  
**Collection Method: Longline Electrofishing**  
**Drainage Area: 17.5 miles<sup>2</sup>**  
**Collection Distance: 0.15 km**

Code	Species	Number	Pollution Tolerance	DELT Anomalies	
				#	Description
40-015	<i>Hypentelium nigricans</i> Northern hog sucker	26	Moderately Intolerant	0	---
40-016	<i>Catostomus commersonii</i> Common white sucker	35	Highly Tolerant	0	---
43-011	<i>Rhinichthys atratulus</i> Blacknose dace	129	Highly Tolerant	0	---
43-013	<i>Semotilus atromaculatus</i> Creek chub	47	Highly Tolerant	0	---
43-025	<i>Notropis chrysocephalus</i> Striped shiner	81	--	0	---
43-032	<i>Cyprinella spiloptera</i> Spotfin shiner	8	--	0	---
43-034	<i>Notropis stramineus</i> Sand shiner	18	Moderately Intolerant	0	---
43-039	<i>Ericymba buccata</i> Silverjaw minnow	28	--	0	---
43-043	<i>Pimephales notatus</i> Bluntnose minnow	22	Highly Tolerant	0	---
43-044	<i>Campostoma anomalum</i> Central stoneroller minnow	550	--	1	Deformity
47-004	<i>Ictalurus natalis</i> Yellow bullhead	5	Highly Tolerant	0	---
77-006	<i>Micropterus salmoides</i> Largemouth bass	8	--	0	---
77-008	<i>Lepomis cyanellus</i> Green sunfish	2	Highly Tolerant	0	---
77-009	<i>Lepomis macrochirus</i> Northern bluegill sunfish	7	Moderately Tolerant	0	---
77-013	<i>Lepomis gibbosus</i> Pumpkinseed sunfish	4	Moderately Tolerant	0	---

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**9/13/2018**

**River Mile: 1.85**

80-014	<i>Etheostoma nigrum</i> Johnny darter	2	--	0	---
80-022	<i>Etheostoma caeruleum</i> Rainbow darter	61	Moderately Intolerant	0	---
80-024	<i>Etheostoma flabellare</i> Barred Fantail darter	43	--	0	---
	Totals	<u>1076</u>		<u>1</u>	

\*DELT anomalies were observed on  
Index of Biotic Integrity (IBI) = 0.09 48 % of the fish collected.  
(Very Good)