



WISCONSIN DNR FISHERIES INFORMATION

County: GREEN LAKE
Stream Name: ROY CREEK
WBIC: 148200
Survey Year: 2014

WDNR Fish Biologist Contact Information

Dave Bartz - Wautoma - 920-787-3016

Survey Information

Survey Dates: Jul 10, 2014 to Jul 10, 2014

WDNR Survey ID: 505744284

Survey Type: SPECIAL STUDY

Gear Type: BACKPACK SHOCKER

Target Species: ALL SPECIES

Station Information

Natural Community: COLDWATER

Latitude: 43.7660868

Longitude: -89.0208772

T-R-S-Q- 15N-12E-13-SW-SE

Station: ROY CREEK DS COUNTY HWY O

Length: 105 METERS

Avg. Width (m): 3

Gradient: 0.48

Fish Community

Species Found (Number Caught)

CENTRAL MUDMINNOW (2)

FATHEAD MINNOW (22)

MOTTLED SCULPIN (13)

Fish Community Metrics

**Total Number of Fish:	37	Coldwater IBI Score:	10
Number of Intolerant Species:	1	Coldwater IBI Rating:	Poor
Percent of Salmonids that are Brook Trout:	0%	Cool-cold Transition IBI Score:	60
Percent of Cool and Coldwater Individuals:	35%	Cool-cold Transition IBI Rating:	Good
Percent of Top Carnivore Individuals:	0%	Cool-warm Transition IBI Score:	20
Percent of Tolerant Individuals:	65%	Cool-warm Transition IBI Rating:	Poor
Number of Sunfish, Yellow Perch Species:	0	*Warmwater IBI Score, C./S. WI, near lake/river	-5
Number of Darter species:	0	Warmwater IBI Rating, C./S. WI, near	Very Poor
Number of Native Species:	3	*Warmwater IBI Score, C./S. WI, far from lake/river	-5
Number of Darter, Madtom, Sculpin Species:	1	Warmwater IBI Rating, C./S. WI, far from	Very Poor
Number of Sucker Species:	0		
Number of Sunfish Species:	0		
Percent of Intolerant Individuals:	13		
Percent of Insectivore Individuals:	41%		
Percent of Omnivore Individuals:	59%		
Percent of Simple Lithophils Individuals:	0%		
Number of Tolerant Species:	2		
Number of Top Carnivore Individuals:	0		
Number of Tolerant Individuals:	24		
Number of Cool and Coldwater Individuals:	13		

* Warmwater IBI corrected scores

** Total Number of Fish may not match the total of Number Caught because threatened or endangered species are not listed as Species Found, but are included in the metrics.