

River Falls Wisconsin

WATERSHED ASSESSMENT

The 1992 data followed previous DNR monitoring efforts. Table 11 illustrates 1991 monitoring data at 10 locations. The resulting profile is Figure 9 on page 64.

Table 11
1991 Thermal Monitoring Results¹

Location	No.	Date									
		8/30/91		8/31/91		9/1/91		9/2/91		9/3/91	
		Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
Air Temp.		87	65	75	58	73	51	83	56	73	57
STH 35	1	66	60	67	62	63	55	60	56	63	59
Cedar Str.	3	68	60	67	63	64	55	62	56	64	59
L. George	4	82	72	81	70	74	61	68	61	70	62
Above Jct. F	5	69	61	70	60	66	57	65	57	66	60
Below Jct. F	6	70	66	70	62	66	59	65	59	66	58
S. Fk (mouth)	7F	70	67	72	62	66	58	67	55	68	58
S. Fk (UWRF)	7D	71	64	72	60	67	57	66	56	73	57
Above Powell	8	80	66	78	64	72	62	73	65	74	62
Below Powell	9	76	62	78	60	76	57	76	58	74	56
Below Ret. B11	10	75	65	73	63	74	60	75	59	70	54

1. Source: Marty Engel, WNDR, 1992.



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Kinnickinnic River, Kinnickinnic River Watershed (SC01)
Kinnickinnic River (2601800)

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Size 8.84 Miles
Segment 0.81 - 9.65
Natural Community Cool (Warm Transition) Mainstem
Year Last Monitored 2011
General Condition Unknown



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General Condition

The Kinnickinnic River is an outstanding resource water and is considered one of the most outstanding Class I Trout streams in the state of Wisconsin. The Kinnickinnic River has one of the highest densities of brown trout in the state. Trout densities range from 2,000 to 12,000 trout per stream mile. The river is classified as an ORW above STH 35 and the remaining portion of the river classified as Class I trout is an ERW. The trout fishery and aquatic habitat is threatened by agricultural and urban NPS pollution. The urban development from the City of River Falls continues to increase the amount of untreated urban stormwater runoff being discharged to the stream. The department funded the development of a comprehensive plan for the city of River Falls in 1991 (and a sewer service area plan in 1998). The implementation of plan recommendations will be critical for the protection of the river as well as the control of rural sources of NPS pollution.



Date 1992

Author Lisa Helmuth

Condition

Wisconsin has over 84,000 miles of streams, 15,000 lakes and millions of acres of wetlands. Assessing the condition of this vast amount of water is challenging. The state's water quality monitoring program uses a tiered approach to analyze compliance with Clean Water Act fishable, swimmable standards. The narrative summary of water condition will be posted here when one is available. See also 'monitoring' and 'projects'.

Reports

[KINNICKINNIC RIVER, ST. CROIX COUNTY, NO WWTP DOCUMENTED USE DESIGNATION](#)



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*1992
 general condition river
 Kinnickinnic empties into the
 National scenic river at Crosby*



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Kinnickinnic Pond, Upper, Kinnickinnic River Watershed (SC01)
Kinnickinnic Pond (2603700)

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Size 12.28 Acres
Natural Community Impounded Flowing Water
Year Last Monitored 2010
General Condition Unknown



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Overview

Kinnickinnic Pond, in the Kinnickinnic River Watershed, is a 12.28 acre lake that falls in Pierce County. This lake is managed for fishing and swimming and is currently not considered impaired.

Date 2011

Author Biologist

Counties	Pierce
Trout Water	No
Outstanding or Exceptional	No
Impaired Water	No

Fish and Aquatic Life.

Current Use	Shallow Lowland
Attainable Use	FAL
Designated Use	Default FAL

Historical Description

The pond is an 18 acre impoundment on the Kinnickinnic River within the city of River Falls. The dam creating the impoundment is utilized to generate hydroelectric power. Historical sedimentation, nuisance aquatic plant growth and heavy metals contamination in the sediments are the major concerns limiting the usage of the impoundment. A lake management plan was completed for the lake in 1985 identifying several management alternatives for the lake. Additional management alternatives were developed with the city in 1986 regarding limited dredging in the impoundment. Sediment sampling done to obtain a dredging permit identified elevated metals concentrations in the sediments in the proposed dredge site. The source of these metals was identified to be an illegal industrial discharge which has since been eliminated. There has not been a comprehensive lake management project implemented to alleviate the water quality problems identified in the impoundment.

Date 1992

Author Surface Water Inventory Of Wisconsin

Historical Description

Source: 1971, Surface Water Resources of Pierce County Kinnickinnic Pond, Upper, T27N, R19W, S1 Surface Acres = 17.7, S.D.F. = 2.38, Maximum Depth = 9 feet This hard water, drainage impoundment is located on the Kinnickinnic River at River Falls. The dam is used for power, it has a height of 46 feet, and it is owned by the city. The water is clear, alkaline, and has a low transparency. Brown trout, crappie, green sunfish, and black bullhead comprise the sport fishery. Carp are common. There is approximately 330 feet of public frontage near the upper end of the flowage. Two bridges cross the flowage and 13 dwellings are located on the water. Muskrat are significant.

Date 1971

Author Surface Water Inventory Of Wisconsin



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4/11/13 Kinnickinnic condition