

## RICE CREEK WATERSHED

## 2022 LAKE WATER QUALITY REPORT CARD

Lake	Acres	DNR ID	Phosphorus Average (ug/L)	Grade	Phos. Trend	Chl-a (Algae) Average (ug/L)	Carlson TSI
Bald Eagle	1043	62000200	49	C	=	36	59
Centerville	472	02000600	99	D	-	44	66
Clear	433	82016300	25	B	=	10	51
Fish	21	82013700	41	C	=	23	58
Golden	59	02004500	40	C	+	12	54
Howard	433	02001600	28	B	=	5	49
Island	43	62007500	61	C	=	42	64
Johanna	210	62007800	26	C	=	7	49
Josephine	116	62005700	33	C	=	19	55
Karth	16	62007200	34	C	+	12	52
Little Johanna	18	62005800	45	C	=	6.5	53
Long (Wash. Co.)	50	82013000	30	B	=	2.6	47
Long, North (Rams. Co.)	72	62006700	80	D	=	35	65
Long, South (Rams.Co.)	116	62006700	33	C	=	22	56
Lost NW*	22	82013400	68	C	n/a	16	60
Moore, East*	28	200750200	39	C	n/a	21	59
Moore, West	68	200750100	37	C	n/a	5	51
Peltier	574	02000400	418	F	=	42	75
Pike	35	62006900	102	D	n/a	58	68
Pine Tree	179	82012200	17	A	=	3	43
Rice (Anoka Co.)	442	02000800	160	F	=	18	68
Silver	73	62008300	51	C	=	41	62
Spring	47	02007100	59	C	-	36	63
Sunset	142	82015300	15	A	=	3	43
Turtle	440	62006100	24	B	=	9	50
White Bear	2398	82016700	14	A	=	3	41
White Rock	53	82007200	28	B	+	7	51

**Grade**

Grade is determined by the most recent summer-average for phosphorus. The scale used to assign grades is the same used by Metropolitan Council.

A <23  
 B 23-32  
 C 32-68  
 D 68-152  
 F >152

**Carlson Trophic State Index Average**

This index is based on relationships among phosphorus, chlorophyll-a (algae), and water clarity. Higher values indicate a greater frequency and intensity of algae blooms.

**Phosphorus Trend**

+ Indicates improving trend (decrease) in phosphorus concentrations  
 - Indicates worsening trend (increase) in phosphorus concentrations  
 = Indicates no trend

\* Data from 2021