

Green Lake Improvement District-Secchi Disc Reading 2023

Date	Depth	Water Temp	Outdoor Temp	Notes on day
5/16/23	5ft 6	N/a	80	Sunny & Smokey from Canada fire. Light traffic
5/22/23	5ft 7	N/a	81	Hazy from Canada fire. Very calm weather and traffic
5/25/23	4ft 11	64.3	66	Sunny. Light traffic, windy couple days.
6/7/23	8ft 1	75	73	Very clear water. Heavy traffic over the last week
6/19/23	5ft 6	74.8	89	Drought. Medium high traffic all weekend
6/21/23	5ft 6	78.1	91	Very hot. Mild traffic.
7/7/23	4ft 1	76.3	76	Cool week after busy 4th of July week. Low algae
7/19/23	4ft 0	71.6	75	Cloudy, light traffic with the cooler temps. Water is low algae
8/3/23	5ft 10	84.2	91	Hot week, lake looks very green. Finally some rain in last week
8/14/23	4ft 11	73	70	2+ inches of new rain in 48 hours. Very windy
9/6/23	5ft 6	73.6	65	Cooling off after a warm week. Water still looks good. Heavy traffic over Labor Day

Green Lake Improvement District-Secchi for 2022

Date	Depth	Water Temp	Outdoor Temp	Notes on day
6/22/22	6ft 9	78.2	82	Sunny minimal traffic.
6/27/22	5ft 6	75.4	82	Sunny minimal traffic.
7/4/22	3ft 0	75.4	81	Partly cloudy. Heavy holiday traffic. Different graph for water temp.
7/5/22	2ft 10	76.8	78	Partly cloudy. Very green. Light traffic.
7/7/22	2ft 8	77.8	84	Sunny, read later in the evening. Very green. Light traffic.
7/18/22	2ft 7	81.4	86	Sunny. Very hot past few days.
7/28/22	3ft 11	74.8	74	Partially cloudy. Windy&wavy. Water looks much better. Minimal traffic
8/2/22	4ft 0	77.3	93	Partially cloudy. Windy couple days.
8/5/22	3ft 8	77.7	91	Sunny medium traffic. Shoreline algae is noticeably worse / cloudy than last reading.
8/9/22	3ft 8	77.8	80	Sunny. Light traffic. Calm / glass.
8/13/22	3ft 0	74	74	Cloudy. Quiet and rainy weekend
8/19/22	3ft 0	73.8	80	Close to 2" rain in past 48 HRs. Light traffic with weather
8/21/22	2ft 10	76	81	Very busy day. Shorelines are quickly accumulating algae and suddenly smelly.
8/28/22	2ft 7	75	77	Quiet day. Shorelines cleared up quite a bit since the last reading.

Date Sam	Time	Year	Site ID	Location	Total Phosphoru	Chlorophyll-A	Secchi Tra	TSS (mg/L)	Water Te	Water Te	Depth at	Weather	Wind
5/15/2022	9:30	2022	0-0136-00-203	Green	45	5.3	12.42		48		30	Sunny	0-5
5/30/2022	9:30	2022	0-0136-00-203	Green	49	1.8	13.75		56.00		30	Light Rain	0-5
6/15/2022	10:45	2022	0-0136-00-203	Green	77	<1	5.17		60		30	Mostly Clo	0-5
6/25/2022	11:00	2022	0-0136-00-203	Green	55	3.6	8.00				30	Partly Clou	15-20
7/9/2022	10:15	2022	0-0136-00-203	Green	74	27.6	8.00				30	Partly Clou	5-10
7/24/2022	9:00	2022	0-0136-00-203	Green	78	12	3.50				30	Partly Cloudy	
8/8/2022	9:35	2022	0-0136-00-203	Green	106	32			69		30	Sunny	0-5
8/20/2022	17:30	2022	0-0136-00-203	Green	130	44.1	3.50				30	Partly Clou	0-5
9/4/2022	13:00	2022	0-0136-00-203	Green	117	68.1	2.33				20	Sunny	
9/25/2022	9:30	2022	0-0136-00-203	Green			3.416				30	Sunny	5-10
Growing Season Averages					86.66666667	23.86	5.6332 Annual Ave		58.25	#DIV/0!			

2021 APRIL 10 GLID BOARD MTG AGENDA w DISCUSSION I...

