

Green Lake Improvement District-Secchi Disc Reading 2022

Date	Time	Air Temp	Water Temp	Depth	Weather	Clarity Reading
6/12/2022	3:30pm	73	70 25 ft	partly cloudy	48	4.0
6/19/2022	7:50am	81	74 25 ft	sunny	63	5.3
6/26/2022	8:30am	64	70 25 ft	sunny	82	6.8
7/4/2022	4:30pm	81	78 25 ft	partly cloudy	25	2.1
7/10/2022	3:30pm	81	78 25 ft	cloudy	33	2.8
7/17/2022	10:00am	80	78 25 ft	sunny/light wind	35	2.9
7/24/2022	4:00pm	77	78 25 ft	partly cloudy	50	4.2
7/30/2022	3:00pm	86	79 25 ft	sunny	47	3.9
8/14/2022	4:00pm	78	78 25 ft	sunny/calm	36	3.0
8/21/2022	11:30am	74	77 25 ft	sunny/calm	35	2.9
8/28/2022	4:00pm	77	75 25 ft	cloudy/windy	31	2.6
9/3/2022	2:00pm	71	72 25 ft	sunny	34	2.8

3.6

Green Lake Improvement District-Secchi Disc Reading #2 for 2022

A	B	C	D	E
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.
7/14/22	3ft 0	75.4	81	Partly cloudy. Heavy holiday traffic. Different graph for water temp.
7/15/22	2ft 10	76.8	78	Partly cloudy. Very green. Light traffic.
7/17/22	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 Samp	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 Cl	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					86.6666667	23.86	5.6332 Annual Ave		58.25	#DIV/0!			

