



10/12/2023

Thom Richmond
Cal Tri Events
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Mr. Richmond,

On Tuesday Oct 10, Riverkeeper staff collected a composite water sample from the triathlon swim route. The sample was run in triplicate for *E. coli* and all results were well below the EPA's recommended recreational swim threshold of 235 mpn (Table 1). This matches our historical dataset for the site (Table 2). Additionally, the area and nearby cove were surveyed for cyanobacteria blooms. No indication of current or recent blooms were found. However, given the ephemeral nature of blooms in this region, we recommend visually surveying the course Saturday morning.

Table. Racecourse Water Quality 10/10/23

Sample ID	E.coli (mpn)	Temp (°C)	Spec Cond (µS/cm)	Turbidity (NTU)
LKN Course	5.1	24.1	55.3	<5
Duplicate	3.1			
Triplicate	5.2			

Table 2. Catawba Riverkeeper 2023 Swim Guide data for Lake Norman State Park Beach

6/1/2023	1
6/8/2023	2
6/15/2023	2
6/22/2023	28.5
6/29/2023	7.5
7/6/2023	20.1
7/13/2023	7.4
7/20/2023	10.7
7/27/2023	4.1
8/3/2023	27.2
8/10/2023	18.9
8/17/2023	6.3
8/24/2023	56.8
8/31/2023	1

For the River,

A handwritten signature in black ink, appearing to read "Brandon Jones".

Brandon Jones
Catawba Riverkeeper