



Carbondale Central Laboratory
 2401 S. McLafferty Road
 Carbondale, Illinois 62901

Phone: 618-457-8613 Ext 223
 Laboratory Superintendent: Corie Fulton
 IDPH Certified Laboratory 17502
 NELAP EPA Illinois Number 00012

Sample number	Sample Description	Date/time collected	Date/time received	Composite	Grab	Date/Time Processed	Sample condition
1	003443	NW CEDAR LAKE	03/16/22 0900	03/16/22 1010		x	03/16/22 1300
2	003444	NE CEDAR LAKE	03/16/22 0910	03/16/22 1010		x	03/16/22 1300
3	003445	INTAKE	03/16/22 0725	03/16/22 1010		x	03/16/22 1300
4							
5							

Acceptable

Laboratory Report Serial Number: 040722001 Page 1 of 1
 Electronic signature: Corie Fulton Reviewed date: 04/07/2022
 NELAP ACCREDITED NUMBER 100461 (Accredited test results*)
 Final Report: These test results relate only to the samples submitted. Interpretation and submission are the responsibility of the client. "m" indicates method modifications per manufacturer.



* denotes NELAP certified method

Sample acceptance Requirements	
Date and Time from bottle match	Y
Proper bottles rec'd in good condition	Y
Sample temperature take upon receipt	Y
Chill Process started prior to receipt	N/A
Samples Rec'd on ice	N/A
Bottles rec'd in good condition	Y
Bottles filled with adequate volume	Y
Samples rec'd within hold times	Y

CLIENT Eric Stead, Cedar Lake Manager
 Address City of Carbondale, Cedar Lake Office
 City, State, Zip Carbondale, Illinois 62901

Sample No.	pH	Ammonia, mg/L	Turbidity, NTU	Alkalinity, mg/L	D. Oxygen	*Nitrite (NO2-N) IC SM 4110B "m" LOQ 0.15 mg/L	*Nitrate (NO3-N) IC SM 4110B "m" LOQ 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L
003443	7.59	<0.1	6.84	38	11.2	<0.15	0.27	2.8	3.2	<0.05
003444	7.60	<0.1	9.7	42	11.1	<0.15	0.26	4.5	4.9	<0.05
003445	7.53	<0.1	8.5	40	10.7	<0.15	0.28	1.7	2.1	<0.05

Sample No.	Total Suspended Solids, mg/L	Volatile Total Suspended Solids, mg/L	Volatile Total suspended solids, %	E. Coli*, MPN	Fecal Coliform*, MPN	Sample Collector	Weather	Lake Elevation, ft.	Rainfall within 48 hours, in.	Depth of sample	Field Temp, oF
003443	2	0	0%	8	4	ES	SUNNY, CLEAR	432.7	0.00	1.0	47.7
003444	5	1	20%	6	10	ES				1.0	
003445	5	4	80%	4	6	ES				15.0	

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
003443	37°40'31.31N by 89°17'11.97W	Eric Stead
003444	37°40'6.52N by 89°16'15.94W	Eric Stead
	37°39'43.43N by 89°16'28.91W	Eric Stead