



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	002522	NW CEDAR LAKE 02/16/2022 0910	02/16/2022 1055		x	02/16/2022 1330	Acceptable
2	002523	NE CEDAR LAKE 02/16/2022 0920	02/16/2022 1055		x	02/16/2022 1330	
3	002524	INTAKE 02/16/2022 0722	02/16/2022 1055		x	02/16/2022 1330	
4							
5							

Laboratory Report Serial Number: 030322001 Page 1 of 1
 Electronic signature: Corie Fulton Reviewed date: 03/03/2022
 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 mouth	Y
Proper bottles rec'd in good condition	Y
Sample temperature taken upon receipt	Y
Chill Process started prior to receipt	N/A
Samples Recv'd on ice	N/A
Bottles rec'd in good condition	Y
Bottles fitted 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**

LE - Lab error. Analysis not completed

Sample No.	pH	Ammonia, mg/L	Turbidity, NTU	Alkalinity, mg/L	D. Oxygen	*Nitrite (NO ₂ -N) IC SM 4110B "m" LOQ 0.15 mg/L	*Nitrate (NO ₃ -N) IC SM 4110B "m" LOQ 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L
002522	7.75	<0.1	4.36	42	12.8	<0.15	0.36	LE	LE	LE
002523	7.79	<0.1	6.3	40	12.8	<0.15	0.36	LE	LE	LE
002524	7.80	<0.05	4.1	40	12.7	<0.15	0.37	0.3	0.7	0.02

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
002522	9	9	100%	<2	<2	ES	Overcast, windy	432.6	0.00	1.0	39.0
002523	9	6	67%	2	6	ES				1.0	
002524	5	5	100%	<2	<2	ES				15.0	

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
002522	37°40'31.31N by 89°17'11.97W	Eric Stead
002523	37°40'6.52N by 89°16'15.94W	Eric Stead
	37°39'43.43N by 89°16'28.91W	Eric Stead