



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

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

Sample number	Sample Description	Date/time collected	Date/time received	Compos	Grab	Date/Time Processed	Sample condition
1	006125/006122 NW Cove Cedar Lake	05/25/2022 0849	05/25/2022 1135		X	05/25/2022 1145-1600	Acceptable
2	006126/006123 NE Cove Cedar Lake	05/25/2022 0859	05/25/2022 1135		X	05/25/2022 1145-1600	
3	006127/006124 Cedar Lake Intake	056/25/2022 0800	05/25/2022 1135		X	05/25/2022 1145-1600	
4							
5							

Laboratory Report Serial Number: 06102022002	Page 1 of 1
Electronic signature: Beth Blaise Reviewed date: 06/10/2022	
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.	

Sample acceptance Requirements	
Date and Time from bottle matrix	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 (M02-N) IC SM 41105 "m" LOQ 0.15 mg/L	*Nitrate (M03-N) IC SM 41106 "m" LOQ 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L
006125/006122	8.27	<0.05	4.24	38	8.1	<0.15	<0.11	0.986		0.019
006126/006123	8.57	<0.05	2.81	36	8.5	<0.15	<0.11	0.623		0.018
006127/006124	7.61	<0.05	2.38	38	8.4	<0.15	<0.11	-1.580		0.049

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
006125/006122	5	5	100%	8	4	ES	Overcast, calm	432.6		1.0	
006126/006123	7	7	100%	17	2	ES				1.0	
006127/006124	10	10	100%	10	8	CM/AW				15.0	71.6

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
006125/006122	37°40'31.31N by 89°17'11.97W	
006126/006123	37°40'6.52N by 89°16'15.94W	
	37°39'43.43N by 89°16'28.91W	