



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

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 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	092221008	NW CEDAR LAKE	9/22/21 1150		x	9/22/21 1145	Acceptable
2	092221009	NE CEDAR LAKE	9/22/21 1200		x	9/22/21 1145	Acceptable
3	092221010	INTAKE	9/22/21 0715		x	9/22/21 1145	Acceptable
4							
5							

Laboratory Report Serial Number: 101121001	Page 1 of 1
Electronic Signature: Corie Fulton Reviewed Date: 10/11/2021	
NELAP ACCREDITED NUMBER 100461	
<i>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</i>	



* denotes NELAC certified method

Sample acceptance Requirements	
Date and Time from bottle match	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 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 41108 "m" LOQ 0.15 mg/L	*Nitrate (NO3-N) IC SM 41108 "m" LOQ 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L	Chloride	Sulfate mg/L
092221008	6.70	<0.1	4.07	38	7.0	<0.15	<0.11	2.5	2.6	0.01		
092221009	7.10	<0.1	4.21	38	7.3	<0.15	<0.11	0.8	0.9	0.00		
092221010	6.20	<0.1	2.72	38	8.7	<0.15	<0.11	0.7	0.9	0.01		

Sample No.	Total Suspended Solids, mg/L	Volatile Total Suspended Solids, mg/L	Volatile Total suspended solids, %	E. Coli*, col/100-mL	Fecal Coliform*, col/100-mL	Sample Collector	Weather	Lake Elevation, ft.	Rainfall within 48 hours, in.	Depth of sample (ft)	Field Temp, °F	0-phosphate P mg/L
092221008	2	2	100%	10	2	ES	sunny, breezy	431.8	0	1.0	76.0	
092221009	5	5	100%	4	2	ES				1.0		
092221010	5	5	100%	4	4	ES				15.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
092221008	37°40'31.31N by 89°17'11.97W	
092221009	37°40'6.52N by 89°16'15.94W	
092221010	37°39'43.43N by 89°16'28.91W	