



**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	102721008A	NW CEDAR LAKE	10/27/21 1000	10/27/21 1115		x	10/27/21 1300	Acceptable
2	102721009A	NE CEDAR LAKE	10/27/21 1010	10/27/21 1115		x	10/27/21 1300	Acceptable
3	102721010A	INTAKE	10/27/21 0745	10/27/21 1115		x	10/27/21 1300	Acceptable
4								
5								

Laboratory Report Serial Number: 110521004 Page 1 of 1  
 Electronic Signature: Corie Fulton Reviewed Date: 11/05/2021  
 NELAP ACCREDITED NUMBER 100461  
*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

\*Lab error - sample not ran

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 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	Chloride	Sulfate mg/L
102721008A	7.46	<0.1	3.28	38	7.1	<0.15	<0.11	*	*	*		
102721009A	7.49	<0.1	3.47	38	7.1	<0.15	<0.11	*	*	*		
102721010A	7.41	<0.1	3.60	40	8.7	<0.15	<0.11	*	*	*		

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
102721008A	5	2	43%	63	56	ES	sunny, partial clouds	431.8	0	1.0	64.0	
102721009A	5	3	60%	43	34	ES				1.0		
102721010A	11	5	46%	55	46	ES				15.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
102721008A	37°40'31.31N by 89°17'11.97W	
102721009A	37°40'6.52N by 89°16'15.94W	
102721010A	37°39'43.43N by 89°16'28.91W	