



**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	072121006	NW CEDAR LAKE	7/21/21 0847	7/21/21 1350		x	7/21/21 1200	Acceptable
2	072121007	NE CEDAR LAKE	7/21/21 0856	7/21/21 1350		x	7/21/21 1200	Acceptable
3	072121008	INTAKE	7/21/21 0723	7/21/21 1350		x	7/21/21 1200	Acceptable
4								
5								

Laboratory Report Serial Number: 081921001	Page 1 of 1
Electronic Signature: Corie Fulton	Reviewed Date: 08/19/2021
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 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 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 (NO <sub>2</sub> -N) IC SM 4110B "m" LOQ 0.15 mg/L	*Nitrate (NO <sub>3</sub> -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
072121006	9.23	<0.1	5.44	40	8.0	<0.15	<0.11	1.0	1.1	0.03		
072121007	9.43	<0.1	5.54	34	8.5	<0.15	<0.11	0.7	0.9	0.00		
072121008	7.76	<0.1	3.75	40	8.6	<0.15	<0.11	1.7	1.9	0.05		

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	o-phosphate mg/L
072121006	8	6	74%	4	4	ES	calm	432.4	0	1.0	83.0	
072121007	8	6	68%	4	<2.0	ES				1.0		
072121008	8	6	74%	2	6	ES				15.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
072121006	37°40'31.31N by 89°17'11.97W	
072121007	37°40'6.52N by 89°16'15.94W	
072121008	37°39'43.43N by 89°16'28.91W	