



**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	Composits	Grab	Date/Time Processed	Sample condition
1	121521008	NW CEDAR LAKE	12/15/21 0831	12/15/21 0930		x	12/15/21 1300
2	121521009	NE CEDAR LAKE	12/15/21 0841	12/15/21 0930		x	12/15/21 1300
3	None taken	INTAKE					Acceptable
4							
5							

Laboratory Report Serial Number: 011322001 Page 1 of 1  
 Electronic signature: Corie Fulton Reviewed date: 01/13/2022  
 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 NELAC 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 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 411027 m <sup>3</sup> LOQ 0.15 mg/L	*Nitrate (NO3-N) IC SM 411067 m <sup>3</sup> LOQ 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L		
121521008	7.47	0.3	2.18	42	9.7	<0.15	0.25	0.3	0.6	ND		
121521009	7.52	0.4	2.2	42	9.7	<0.15	0.23	0.4	0.8	ND		

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	Field Temp, oF	
121521008	3	3	100%	15	6	ES	Overcast, breezy	432.2	>1"	1.0	49.4	
121521009	7	7	100%	6	4	ES				1.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
121521008	37°40'31.31N by 89°17'11.97W	Eric Stead
121521009	37°40'6.52N by 89°16'15.94W	Eric Stead
	37°39'43.43N by 89°16'28.91W	Eric Stead