



**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	Composite	Grab	Date/Time Processed	Sample condition
1	001376	NW CEDAR LAKE 01/19/2022 0828	01/19/2022 0935		X	01/19/2022 1300	Acceptable
2	001377	NE CEDAR LAKE 01/19/2022 0845	01/19/2022 0935		X	01/19/2022 1300	
3	001378	INTAKE 01/19/2022 0728	01/19/2022 0935		X	01/19/2022 1300	
4							
5							

Laboratory Report Serial Number: 020422001	Page 1 of 1
Electronic signature: Corie Fulton Reviewed date: 02/04/2022	
NELAP ACCREDITED NUMBER 100461 (Accredited test results*)	
<small>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.</small>	



\* 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 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 (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		
001376	7.97	<0.1	4.94	42	11.2	<0.15	0.41	1.4	1.9	0.01		
001377	7.98	<0.1	5.7	42	11.4	<0.15	0.42	1.8	2.3	0.01		
001378	7.92	<0.05	7.2	42	11.2	<0.15	0.42	2.0	2.5	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	Field Temp, oF	
001376	13	7	54%	8	8	ES	Overcast, calm	432.6	0.00	1.0	41.4	
001377	8	8	100%	8	<2	ES				1.0		
001378	13	12	92%	2	10	ES				15.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
001376	37°40'31.31N by 89°17'11.97W	Eric Stead
001377	37°40'6.52N by 89°16'15.94W	Eric Stead
	37°39'43.43N by 89°16'28.91W	Eric Stead