



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

Phone: 618-457-8613 Ext 223
 Fax: 618-457-2699
 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	042221001	NW CEDAR LAKE	4/22/21 0940		x	4/22/21 1240	Acceptable
2	042221002	NE CEDAR LAKE	4/22/21 0950		x	4/22/21 1240	Acceptable
3	042221003	INTAKE	4/22/21 0745		x	4/22/21 1240	Acceptable
4							
5							

Laboratory Report Serial Number: 051321001	Page 1 of 1
Electronic Signature: Corie Fulton Reviewed Date: 5/13/2021	
NELAP ACCREDITED NUMBER 100461 (Accredited test results*)	
<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 Rec'd on ice	N/A
Bottles rec'd in good condition	Y
Bottis 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
042221001	7.47	<0.1	6.74	32	8.7	<0.15	0.15	0.7	1.0	0.01		
042221002	7.60	<0.1	7.70	32	9.1	<0.15	0.14	0.2	0.5	0.03		
042221003	7.62	<0.1	8.32	32	9	<0.15	0.14	1.3	0.3	0.03		

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-phosphateP mg/L
042221001	4	3	75%	<2.0	<2.0	ES	Sunny	432.4	<1"	1.0	58.0	
042221002	7	5	71%	<2.0	<2.0	ES				1.0		
042221003	4	4	100%	<2.0	2.0	ES				15.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
042221001	37°40'31.31N by 89°17'11.97W	
042221002	37°40'6.52N by 89°16'15.94W	
042221003	37°39'43.43N by 89°16'28.91W	