



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	061721007	NW CEDAR LAKE	6/17/21 0911	6/17/21 1030		x	6/17/21 1430	Acceptable
2	061721008	NE CEDAR LAKE	6/17/21 0919	6/17/21 1030		x	6/17/21 1430	Acceptable
3	061721009	INTAKE	6/17/21 0920	6/17/21 1030		x	6/17/21 1430	Acceptable
4								
5								

Laboratory Report Serial Number: 070721001	Page 1 of 1
Electronic Signature: Corie Fulton Reviewed Date: 07/01/2021	
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 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 (NO ₂ -N) IC SM 4110B "m" LOQ 0.15 mg/L	*Nitrate (NO ₃ -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
061721007	8.47	<0.1	3.65	36	8.0	<0.15	<0.11	1.1	1.3	0.00		
061721008	8.58	<0.1	2.91	36	8.0	<0.15	<0.11	1.4	1.5	0.00		
061721009	7.53	<0.05	3.06	34	7.5	<0.15	<0.11	1.6	1.9	0.00		

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
061721007	32	32	100%	4	2	ES	sunny	432	0	1.0	83.5	
061721008	62	50	81%	4	<2.0	ES				1.0		
061721009	9	9	100%	2	4	ES				15.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
061721007	37°40'31.31N by 89°17'11.97W	
061721008	37°40'6.52N by 89°16'15.94W	
061721009	37°39'43.43N by 89°16'28.91W	