



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	12821004	NW CEDAR LAKE	1/27/21 1335	1/28/21 1420		x	1/28/21 1300	Acceptable
2	12821005	NE CEDAR LAKE	1/27/21 1410	1/28/21 1420		x	1/28/21 1300	Acceptable
3	NA	INTAKE						
4								
5								

Laboratory Report Serial Number: 02042021001	Page 1 of 1
Electronic Signature: Corie Fulton Reviewed data Date: 2/4/2021	
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. "n" indicates method modifications per manufacturer	



* 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 ₂ -N) IC SM 4110B-m* LOG 0.15 mg/L	*Nitrate (NO ₃ -N) IC SM 4110B-m* LOG 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L	Chloride	Sulfate mg/L
12821004	7.51	<0.1	2.86	40	10.2	<0.015	0.28	2.0	2.0	0.00		
12821005	7.65	<0.1	3.18	38	10.3	<0.015	0.39	1.7	1.7	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-phosphateP mg/L
12821004	10	7	70%	10	17	ES	Sunny, calm	432.2	< 1"	1.0		
12821005	11	9	81%	19	10	ES				1.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
12821004	37°40'31.31N by 89°17'11.97W	
12821005	37°40'6.52N by 89°16'15.94W	
NA	37°39'43.43N by 89°16'28.91W	