



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

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 Laboratory Superintendent: Corie Fulton  
 IDPH Certified Laboratory 17502 NELAP EPA Illinois Number 00912

Sample number	Sample Description	Date/time collected	Date/time received	Composite	Grab	Date/Time Processed	Sample condition	
1	120820029	NW CEDAR LAKE	12/8/2020 1300	12/8/2020 1530		x	12/9/2020 1130	Acceptable
2	120820030	NE CEDAR LAKE	12/8/2020 1308	12/8/2020 1530		x	12/9/2020 1130	Acceptable
3	NA	INTAKE						
4								
5								

Laboratory Report Serial Number: 01132021001	Page 1 of 1
Electronic Signature: Corie Fulton Reviewed data Date: 1/13/2021	
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. "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 taken upon receipt	Y
Chill Process started prior to receipt	N/A
Samples Recv'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	Chloride	Sulfate mg/L
120820029	7.59	<0.1	2.35	38	8.5	<0.015	<0.23	NA*	NA*	0.01		
120820030	7.55	<0.1	2.20	38	8.6	<0.015	<0.23	NA*	NA*	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 (ft)	Field Temp, °F	o-phosphate P mg/L
120820029	16	10	63%	4	2	ES	Sunny, calm	432.3	0.00	1.0	48.3	
120820030	17	13	77%	<2	<2	ES				1.0		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
120820029	37°40'31.31N by 89°17'11.97W	+ Indicates tubes broke, no measurement taken
120820030	37°40'6.52N by 89°16'15.94W	+ Indicates tubes broke, no measurement taken
NA	37°39'43.43N by 89°16'28.91W	