



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 00012

Sample number	Sample Description	Date/time collected	Date/time received	Composite	Grab	Date/Time Processed	Sample condition	
1	110620009	NW CEDAR LAKE	11/6/2020 1112	11/6/2020 1345		x	10/6/2020 1400	Acceptable
2	110620010	NE CEDAR LAKE	11/6/2020 1123	11/6/2020 1345		x	10/6/2020 1400	Acceptable
3	110620011	INTAKE	11/6/2020 0730	11/6/2020 1345		x	10/6/2020 1400	Acceptable
4								
5								

Laboratory Report Serial Number: 11272020001	Page 1 of 1
Electronic Signature: Kimberly Cole Reviewed data Date: 11/27/2020	
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 (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
110620009	7.19	0.3	2.54	38	8.3	<0.15	<0.11	1.0	1.1	0.00	3.61	6.59
110620010	7.27	0.2	2.21	38	8.2	<0.15	<0.11	0.5	0.6	0.00	3.62	6.80
110620011	7.35	0.3	2.75	36	8.6	<0.15	<0.11	1.1	1.3	0.00	3.69	6.66

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	o-phosphateP mg/L
110620009	6	1	17%	4	8	ES	Sunny, calm	432.2	0.00	1 ft	58.0	
110620010	6	5	83%	6	<2	ES	Sunny, calm		0.00	1 ft		
110620011	5	4	80%	4	4	ES	Sunny, calm		0.00	1 ft		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
110620009	37°40'31.31N by 89°17'11.97W	
110620010	37°40'6.52N by 89°16'15.94W	
110620011	37°39'43.43N by 89°16'28.91W	