



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	102220002 NW CEDAR LAKE	10/22/2020 1010	10/22/2020 1100		x	10/22/2020 1300	Acceptable
2	102220003 NE CEDAR LAKE	10/22/2020 1022	10/22/2020 1100		x	10/22/2020 1300	Acceptable
3	102220004 INTAKE	10/22/2020 0732	10/22/2020 1100		x	10/22/2020 1300	Acceptable
4							
5							

Laboratory Report Serial Number: 11162020002	Page 1 of 1
Electronic Signature: Kimberly Cole Reviewed data Date: 11/16/2020	
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 NELAC certified method

Sample acceptance Requirements	
Date and Time from bottle made	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
102220002	7.46	<0.1	2.38	38	8.1	<0.15	0.34	1.8	1.8	0.02	Not tested	not tested
102220003	7.47	<0.1	2.66	36	8.2	<0.15	<0.23	1.2	1.2	0.01	Not tested	not tested
102220004	7.52	<0.1	2.86	36	8.4	<0.15	0.23	1.4	1.5	0.01	Not tested	not tested

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-phosphate P mg/L
102220002	2	2	100%	2	2	MW	Sunny, clear	431.2	0.00	1 ft	63.3	
102220003	3	3	100%	2	2	MW	Sunny, clear		0.00	1 ft		
102220004	5	5	100%	<2	6	MW	Sunny, clear		0.00	1 ft		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
102220002	37°40'31.31N by 89°17'11.97W	
102220003	37°40'6.52N by 89°16'15.94W	
102220004	37°39'43.43N by 89°16'28.91W	