



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	9222007	NW CEDAR LAKE	9/22/2020 1110	9/22/2020 1210		x	9/22/2020 1300	Acceptable
2	9222008	NE CEDAR LAKE	9/22/2020 1120	9/22/2020 1210		x	9/22/2020 1300	Acceptable
3	9222009	INTAKE	9/22/2020 0731	9/22/2020 1210		x	9/22/2020 1300	Acceptable
4								
5								

Laboratory Report Serial Number: Page 1 of 1
 Electronic Signature: Corie Fulton Reviewed data Date: 10/15/2020
 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 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 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 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
9222007	7.63	<0.1	2.23	34	7.7	<0.15	<0.11	0.7	0.7	0.03		
9222008	7.58	<0.1	2.7	34	7.7	<0.15	<0.11	0.4	0.5	0.03		
9222009	7.71	<0.1	2.1	34	8.1	<0.15	<0.11	0.2	0.3	0.03		

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
9222007	3	2	67%	<2	2	ES	Sunny, clear	431.8	0.00	1 ft	73.8	
9222008	2	1	50%	<2	<2	ES	Sunny, clear		0.00	1 ft		
9222009	4	2	50%	2	<2	ES	Sunny, clear		0.00	1 ft		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
9222007	37o40'31.31N by 89o17'11.97W	Eric Stead
9222008	37o40'6.52N by 89o16'15.94W	Eric Stead
9222009	37o39'43.43N by 89o16'28.91W	Eric Stead