



Carbondale Central Laboratory
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 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	062520008	NW CEDAR LAKE	6/25/2020 1207	6/25/2020 1550		x	06/25/2020 1600	acceptable
2	062520009	NE CEDAR LAKE	6/25/2020 1219	6/25/2020 1550		x	06/25/2020 1600	acceptable
3	062520010	INTAKE	6/25/2020 0748	6/25/2020 1550		x	06/25/2020 1600	acceptable
4								
5								

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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 taken 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" 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
062520008	8.39	<0.1	3.0	36	11.8	Not tested	not tested	1.56	1.73	0.031		
062520009	8.59	<0.1		36	9.1	Not tested	not tested	1.79	1.94	0.021		
062520010	7.45	<0.1	3.1	36	10.6	Not tested	not tested	1.26	1.41	0.027		

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
062520008	8	6	75%	10	<2	Eric S	Clear, Calm	432.2	0.00	1 ft	85.0	
062520009	4	2	50%	8	6	Eric S	Clear, Calm	432.2	0.00	1 ft	85.0	
062520010	10	5	50%	22	17	Eric S	Clear, Calm	432.2	0.00	1 ft	85.0	

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
062520008	37°40'31.31N by 89°17'11.97W	Eric Stead
062520009	37°40'6.52N by 89°16'15.94W	Eric Stead
062520010	37°39'43.43N by 89°16'28.91W	Eric Stead