



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

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 Laboratory Superintendent: Kimberly A. Cole  
 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	062519004	NW CEDAR LAKE	6/25/2019 1100	6/25/2019 1200		X	6/25/2019 1300	ACCEPTABLE
2	062519005	NE CEDAR LAKE	6/25/2019 1112	6/25/2019 1200		X	6/25/2019 1300	ACCEPTABLE
3	062519006	INTAKE	6/25/2019 0739	6/25/2019 1200		X	6/25/2019 1300	ACCEPTABLE
4								
5								

Laboratory Report Serial Number: 07182019001 Page 1 of 1  
 Electronic Signature: Kimberly A Cole Reviewed data Date: KAC7/18/2019  
 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 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 <sup>m</sup> LOQ 0.15 mg/L	*Nitrate (NO <sub>3</sub> -N) IC SM 4110B <sup>m</sup> LOQ 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L	Chloride	Sulfate mg/L
062519004	8.25	<0.1	4.87	34	8.4	<0.15	<0.11	14.9	14.80	0.039		
100918015	8.58	<0.1	4.21	34	8.8	<0.15	<0.11	4.62	4.61	0.045		
100918017	7.49	<0.1	8.85	36	8.2	<0.15	<0.11	6.57	6.63	0.031		

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
062519004	6	4	64%	22	10	Eric Stead	Sunny	433.8	0.00	1 foot	79.0	
062519005	5	4	70%	22	17	Eric Stead	Sunny		0.00	1 foot		
062519006	6	5	91%	51	43	Eric Stead	Sunny		0.00	15 feet		

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
062519004	37°40'31.31N by 89°17'11.97W	Eric Stead
062519005	37°40'6.52N by 89°16'15.94W	Eric Stead
062519006	37°39'43.43N by 89°16'28.91W	Eric Stead