



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

Phone: 618-457-8813 Ext 223  
 Fax: 618-457-2098  
 Laboratory Superintendent: Kimberly A. Cole  
 IDPH Certified Laboratory 17502 NELAP EPA/Illinois Number: 00112

Sample number	Sample Description	Date/time collected	Date/time received	Complete	Split	Date/Time Processed	Sample condition
112117021	NW CEDAR LAKE	11/21/2017 0944	11/21/2017 1115		X	11/21/2017 1300	ACCEPTABLE
112117022	NE CEDAR LAKE	11/21/2017 1002	11/21/2017 1115		X	11/21/2017 1300	ACCEPTABLE
112117023	INTAKE	11/21/2017 0716	11/21/2017 1115		X	11/21/2017 1300	ACCEPTABLE

Laboratory Report Serial Number: 12192017001 Page 1 of 1  
 Electronic Signature: Kimberly A Cole Reviewed data Date: KAC12/19/2017  
 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 NELAC certified method

Sample acceptance Requirements	
Date and Time from bottle receipt	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
Bottle filled with adequate volume	Y
Samples rec'd within hold times	Y

CLIENT John Wallace, 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" LOG 0.15 mg/L	*Nitrate (NO3-N) IC SM 4110B "m" LOG 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L		
112117021	7.64	0.19	2.74	40	10.6	<0.15	0.16	0.989	1.140	0.005		
112117022	7.62	0.20	2.43	40	10.2	<0.15	0.14	1.570	1.79	0.009		
112117023	7.44	0.21	4.26	40	9.4	<0.15	0.15	0.970	1.180	0.014		

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	
112117021	1	1	100.0%	10	6	Eric Stead	Overcast, Breezy	431.6	0.00	1	52.20	
112117022	1	1	100.0%	10	12	Eric Stead	Overcast, Breezy	431.6	0.00	1	52.20	
112117023	2	1	50.0%	30	11	Eric Stead	Overcast, Breezy		0.00	15	52.20	

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
112117021	37o40'31.31N by 89o17'11.97W	
112117022	37o40'6.52N by 89o16'15.94W	
112117023	37o39'43.43N by 89o16'28.91W	