



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	Compass	Grid	Date/Time Processed	Sample condition
1	01318008	NW CEDAR LAKE 01/31/2018 1050	01/31/2018 1255			X 1/31/2018 1300	ACCEPTABLE
2	01318009	NE CEDAR LAKE 01/31/2018 1100	01/31/2018 1100			X 1/31/2018 1300	ACCEPTABLE
3	no sample	INTAKE				X	
4							
5							

Laboratory Report Serial Number:02072018001 Page 1 of 1
 Electronic Signature: Kimberly A Cole Reviewed data Date: KAC02/07/2018
 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 post manufacture.



* denotes NELAC 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 Rec'd on ice	N/A
Bottles rec'd in good condition	Y
Bottle filled with adequate volume	Y
Samples rec'd within hold time	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 SI 41108 m ³ LOG 0.15 mg/L	*Nitrate (NO ₃ -N) IC SI 41105 m ³ LOG 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L
01318008	7.77	<0.1	2.18	40	11.0	<0.15	0.35	0.599	0.931	0.006
01318009	7.81	<0.1	2.08	40	11.4	<0.15	0.34	0.244	0.636	0.006

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
01318008	9	4	44.0%	161	<10	Eric Stead	Cloudy, Windy	not given	0.00	1	40.60
01318009	8	8	100.0%	228	<10	Eric Stead	Cloudy, Windy	not given	0.00	1	40.10

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
01318008	37°40'31.31N by 89°17'11.97W	
01318009	37°40'6.52N by 89°16'15.94W	