



Carbondale Central Laboratory
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 Laboratory Supervisor: Kimberly A Cole
 IDPH Certified Laboratory 1702 NELAP EPA Illinois Number: 00012

Sample number	Sample Description	Date/Time collected	Date/Time received	Collector	Unit	Date/Time Processed	Sample condition
092717017	NW CEDAR LAKE	09/26/2017 1035	09/27/2017 1207		X	09/28/2017 1350	ACCEPTABLE
092717018	NE CEDAR LAKE	09/26/2017 1050	09/27/2017 1207		X	09/28/2017 1350	ACCEPTABLE
092717019	INTAKE	09/27/2017 0820	09/27/2017 1207		X	09/28/2017 1350	ACCEPTABLE

Laboratory Report Serial Number: 09272017001 Page 1 of 1
 Electronic Signature: Kimberly A Cole Reviewed data Date: KAC10/05/2017
 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.
 * indicates method modifications per manufacturer



* denotes NELAC 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
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 (NO ₂ -N) IC 500 41100 ^{mg} /L ^{mg} LOQ 0.15 mg/L	*Nitrate (NO ₃ -N) IC 500 41100 ^{mg} /L ^{mg} LOQ 0.11 mg/L	Total Kjeldahl Nitrogen, mg/L	Total Nitrogen-N, mg/L	Total Phosphorus, mg/L
092717017	7.77	<0.1	3.02	40	8.1	<0.15	<0.11	0.767	0.747	0.01
092717018	7.99	<0.1	3.11	40	8.2	<0.15	<0.11	0.935	0.926	0.007
092717019	7.64	<0.1	2.43	40	7.8	<0.15	<0.11	1.120	1.110	0.012

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
092717017	1	1	100.0%	<1	<1	Eric Stead	Mostly sunny Calm		0.00	1	80.20
092717018	1	1	100.0%	8	8	Eric Stead	Mostly sunny Calm		0.00	1	79.50
092717019	1	1	100.0%	<1	<1	Eric Stead	Mostly sunny Calm		0.00	15	XX

Sample No.	Sample Location GPS Coordinates	Any Deviations from standard conditions, or failed QC comments
092717017	37°40'31.31N by 89°17'11.97W	
092717018	37°40'6.52N by 89°16'15.94W	
092717019	37°39'43.43N by 89°16'28.91W	