



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

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 Laboratory Superintendent:  
 IDPH Certified Laboratory 17602 NELAP EPA Illinois Number 00012

| Sample number | Sample Description | Date/time collected | Date/time received | Composite | Grab | Date/Time Processed | Sample condition         |
|---------------|--------------------|---------------------|--------------------|-----------|------|---------------------|--------------------------|
| 1             | NW CEDAR LAKE      |                     |                    |           |      |                     | No samples taken in July |
| 2             | NE CEDAR LAKE      |                     |                    |           |      |                     |                          |
| 3             | INTAKE             |                     |                    |           |      |                     |                          |
| 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 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 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 "m" LOQ 0.15 mg/L | *Nitrate (NO <sub>3</sub> -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 |
|------------|----|---------------|----------------|------------------|-----------|-------------------------------------------------------------|-------------------------------------------------------------|-------------------------------|------------------------|------------------------|----------|--------------|
|            |    |               |                |                  |           |                                                             |                                                             |                               |                        |                        |          |              |
|            |    |               |                |                  |           |                                                             |                                                             |                               |                        |                        |          |              |
|            |    |               |                |                  |           |                                                             |                                                             |                               |                        |                        |          |              |
|            |    |               |                |                  |           |                                                             |                                                             |                               |                        |                        |          |              |
|            |    |               |                |                  |           |                                                             |                                                             |                               |                        |                        |          |              |

| 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 |
|------------|------------------------------|---------------------------------------|------------------------------------|----------------------|-----------------------------|------------------|---------|---------------------|-------------------------------|-----------------|----------------|--------------------|
|            |                              |                                       |                                    |                      |                             |                  |         |                     |                               |                 |                |                    |
|            |                              |                                       |                                    |                      |                             |                  |         |                     |                               |                 |                |                    |
|            |                              |                                       |                                    |                      |                             |                  |         |                     |                               |                 |                |                    |
|            |                              |                                       |                                    |                      |                             |                  |         |                     |                               |                 |                |                    |
|            |                              |                                       |                                    |                      |                             |                  |         |                     |                               |                 |                |                    |

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