



# MONTHLY REPORT OF OPERATION WATER TREATMENT PLANT

State Form 34609 (R10 / 9-16)

INDIANA DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT

System Name Liberty Country Club Housing

PWSID Number 5281003

For the Month of July 2023

IDEM Field Rep. Carolyn Chappell

Signed [Signature]

Title Manager

Certification Number WT21007

I certify under penalty of law, by this signature that this document was prepared by me, or under my direction, and the information submitted is to the best of my knowledge and belief, true, accurate, and complete. I am also aware that there are significant penalties for submitting false information.

## PHYSICAL AND CHEMICAL DATA \*

| Date | Turbidity |          | Alkalinity |          | pH  |          | Hardness |          | Iron |          | Manganese |          | Phosphate | Fluoride |
|------|-----------|----------|------------|----------|-----|----------|----------|----------|------|----------|-----------|----------|-----------|----------|
|      | Raw       | Finished | Raw        | Finished | Raw | Finished | Raw      | Finished | Raw  | Finished | Raw       | Finished | Finished  | Finished |
| 1    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 2    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 3    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 4    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 5    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 6    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 7    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 8    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 9    |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 10   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 11   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 12   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 13   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 14   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 15   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 16   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 17   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 18   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 19   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 20   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 21   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 22   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 23   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 24   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 25   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 26   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 27   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 28   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 29   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 30   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |
| 31   |           |          |            |          |     |          |          |          |      |          |           |          |           |          |

\* All parameters are to be expressed in mg/l except pH and turbidity

DUE BY THE 10<sup>TH</sup> OF THE MONTH FOLLOWING THE REPORTING PERIOD.

| Date | Water Treated<br>1000 gallons | Chemicals Used – Pounds |      |      |          |        |          |          |            | Filters            |                         | Chlorine Residual |       |       |       | Remarks                  |  |
|------|-------------------------------|-------------------------|------|------|----------|--------|----------|----------|------------|--------------------|-------------------------|-------------------|-------|-------|-------|--------------------------|--|
|      |                               | Salt                    | Alum | Lime | Soda Ash | Carbon | Chlorine | Fluoride | Phos-phate | Filter Run (hours) | Gallons per wash x 1000 | Plant Tap         |       | D. S. |       |                          |  |
|      |                               |                         |      |      |          |        |          |          |            |                    |                         | Free              | Total | Free  | Total |                          |  |
| 1    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.36  | 1.80  |                          |  |
| 2    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | .84   | 1.3   |                          |  |
| 3    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.21  | 1.47  |                          |  |
| 4    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.48  | 2.2   | July                     |  |
| 5    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.62  | 2.2   | 2023                     |  |
| 6    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.14  | 1.38  |                          |  |
| 7    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.31  | 1.73  | PWSID                    |  |
| 8    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | .71   | .94   |                          |  |
| 9    |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.43  | 1.96  | 5281003                  |  |
| 10   |                               |                         |      |      |          |        |          |          |            |                    |                         | 1.72              | 2.2   | 1.11  | 1.67  |                          |  |
| 11   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.55  | 2.2   |                          |  |
| 12   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.31  | 1.75  |                          |  |
| 13   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | .92   | 1.3   |                          |  |
| 14   |                               |                         |      |      |          |        |          |          |            |                    |                         | 1.65              | 2.2   | .74   | .96   |                          |  |
| 15   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.22  | 1.68  |                          |  |
| 16   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.04  | 1.3   |                          |  |
| 17   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.45  | 1.9   |                          |  |
| 18   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.68  | 2.2   |                          |  |
| 19   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.47  | 2.03  |                          |  |
| 20   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.18  | 1.41  |                          |  |
| 21   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | .84   | 1.15  | Monthly Water Treatment  |  |
| 22   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.28  | 1.55  | Total Gallons 6928       |  |
| 23   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.59  | 2.2   | Max. Day 416             |  |
| 24   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.18  | 1.34  | Min. Day 160             |  |
| 25   |                               |                         |      |      |          |        |          |          |            |                    |                         | 1.87              | 2.2   | .72   | .96   | Avg. Daily 223           |  |
| 26   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.33  | 1.75  | E-Mail To:               |  |
| 27   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.12  | 1.38  | DWBMRO@idem.in.gov       |  |
| 28   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | .94   | 1.34  | Mail To:                 |  |
| 29   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.51  | 2.2   | Indiana Department of    |  |
| 30   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.25  | 1.58  | Environmental Management |  |
| 31   |                               |                         |      |      |          |        |          |          |            |                    |                         | 2.2               | 2.2   | 1.44  | 1.92  | Drinking Water Branch    |  |