



# MONTHLY REPORT OF OPERATION OF WATER TREATMENT PLANT

State Form 34609 (R7 / 8-06)

INDIANA DEPARTMENT OF  
ENVIRONMENTAL MANAGEMENT

System Name Turkey Creek RSP

PWSID Number IN 5243032

For the Month of April 2024

IDEM Field Rep. Lophia Andrews

Signed Tully Woodward

Title Certified operator

Certification Number 11875213, 875214

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    |           |          |            |          |     |          |          |          | 1.53  |          |           |          | .19       |          |
| 2    |           |          |            |          |     |          |          |          | 1.89  |          |           |          | .24       |          |
| 3    |           |          |            |          |     |          |          |          | 1.73  |          |           |          | .49       |          |
| 4    |           |          |            |          |     |          |          |          | 2.47  |          |           |          | .23       |          |
| 5    |           |          |            |          |     |          |          |          | 1.71  |          |           |          | .27       |          |
| 6    |           |          |            |          |     |          |          |          | 1.51  |          |           |          | .31       |          |
| 7    |           |          |            |          |     |          |          |          | 1.57  |          |           |          | .36       |          |
| 8    |           |          |            |          |     |          |          |          | 1.16  |          |           |          | .28       |          |
| 9    |           |          |            |          |     |          |          |          | 1.76  |          |           |          | .26       |          |
| 10   |           |          |            |          |     |          |          |          | 1.79  |          |           |          | .27       |          |
| 11   |           |          |            |          |     |          |          |          | 1.85  |          |           |          | .29       |          |
| 12   |           |          |            |          |     |          |          |          | 1.88  |          |           |          | .30       |          |
| 13   |           |          |            |          |     |          |          |          | 1.90  |          |           |          | .38       |          |
| 14   |           |          |            |          |     |          |          |          | 1.17  |          |           |          | .28       |          |
| 15   |           |          |            |          |     |          |          |          | 1.83  |          |           |          | .21       |          |
| 16   |           |          |            |          |     |          |          |          | 1.66  |          |           |          | .22       |          |
| 17   |           |          |            |          |     |          |          |          | 1.80  |          |           |          | .28       |          |
| 18   |           |          |            |          |     |          |          |          | 1.69  |          |           |          | .20       |          |
| 19   |           |          |            |          |     |          |          |          | 1.73  |          |           |          | .23       |          |
| 20   |           |          |            |          |     |          |          |          | 1.67  |          |           |          | .29       |          |
| 21   |           |          |            |          |     |          |          |          | 1.43  |          |           |          | .35       |          |
| 22   |           |          |            |          |     |          |          |          | 1.71  |          |           |          | .19       |          |
| 23   |           |          |            |          |     |          |          |          | 1.77  |          |           |          | .23       |          |
| 24   |           |          |            |          |     |          |          |          | 1.81  |          |           |          | .20       |          |
| 25   |           |          |            |          |     |          |          |          | 1.79  |          |           |          | .30       |          |
| 26   |           |          |            |          |     |          |          |          | 1.72  |          |           |          | .21       |          |
| 27   |           |          |            |          |     |          |          |          | 1.80  |          |           |          | .60       |          |
| 28   |           |          |            |          |     |          |          |          | 1.74  |          |           |          | .65       |          |
| 29   |           |          |            |          |     |          |          |          | 1.72  |          |           |          | .26       |          |
| 30   |           |          |            |          |     |          |          |          | 1.74  |          |           |          | .26       |          |
| 31   |           |          |            |          |     |          |          |          |       |          |           |          |           |          |

\* All parameters are to be expressed in mg/l except pH and turbidity  
DUE BY THE 10TH 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-<br>phate | Filter Run<br>(hours) | Gallons per<br>wash x 1000 | Plant Tap         |       | D. S. |       |                                 |
|      |                               |                          |      |      |          |        |          |          |                |                       |                            | Free              | Total | Free  | Total |                                 |
| 1    | .043                          |                          |      |      |          |        | 1.6      |          | 1              |                       |                            | .91               | 2.10  | .57   | 1.22  |                                 |
| 2    | .039                          |                          |      |      |          |        | 1.3      |          | 2              |                       |                            | .82               | 1.82  | .69   | 1.30  |                                 |
| 3    | .042                          |                          |      |      |          |        | 1.3      |          | 1              |                       |                            | .55               | 1.75  | .59   | 1.35  |                                 |
| 4    | .038                          |                          |      |      |          |        | 1.2      |          | 2              |                       |                            | .94               | 2.06  | .60   | 1.18  |                                 |
| 5    | .037                          |                          |      |      |          |        | 1.3      |          | 1              |                       |                            | .29               | 1.23  | .65   | 1.31  |                                 |
| 6    | .040                          |                          |      |      |          |        | 1.3      |          | 2              |                       |                            | .86               | 1.98  | .57   | 1.20  |                                 |
| 7    | .049                          |                          |      |      |          |        | 1.5      |          | 1              |                       |                            | .43               | 2.11  | .59   | 1.25  |                                 |
| 8    | .049                          |                          |      |      |          |        | 1.6      |          | 2              |                       |                            | .30               | 1.72  | .60   | 1.29  |                                 |
| 9    | .040                          |                          |      |      |          |        | 1.6      |          | 1              |                       |                            | 1.01              | 2.03  | .71   | 1.35  |                                 |
| 10   | .040                          |                          |      |      |          |        | 1.4      |          | 2              |                       |                            | .69               | 1.66  | .69   | 1.22  |                                 |
| 11   | .042                          |                          |      |      |          |        | 1.4      |          | 1              |                       |                            | .61               | 1.79  | .70   | 1.30  |                                 |
| 12   | .057                          |                          |      |      |          |        | 1.8      |          | 2              |                       |                            | .93               | 2.10  | .71   | 1.37  |                                 |
| 13   | .043                          |                          |      |      |          |        | 1.4      |          | 1              |                       |                            | .59               | 1.80  | .42   | 1.29  |                                 |
| 14   | .044                          |                          |      |      |          |        | 1.5      |          | 2              |                       |                            | .35               | 1.72  | .46   | 1.30  |                                 |
| 15   | .046                          |                          |      |      |          |        | 1.8      |          | 1              |                       |                            | .80               | 2.07  | .54   | 1.37  |                                 |
| 16   | .040                          |                          |      |      |          |        | 1.3      |          | 2              |                       |                            | .63               | 1.72  | .56   | 1.18  |                                 |
| 17   | .042                          |                          |      |      |          |        | 1.6      |          | 1              |                       |                            | .97               | 2.12  | .60   | 1.23  |                                 |
| 18   | .041                          |                          |      |      |          |        | 1.3      |          | 2              |                       |                            | .69               | 1.75  | .58   | 1.19  |                                 |
| 19   | .044                          |                          |      |      |          |        | 1.4      |          | 1              |                       |                            | .58               | 1.87  | .46   | 1.30  |                                 |
| 20   | .042                          |                          |      |      |          |        | 1.2      |          | 2              |                       |                            | .48               | 1.73  | .55   | 1.32  |                                 |
| 21   | .041                          |                          |      |      |          |        | 1.4      |          | 1              |                       |                            | .43               | 1.81  | .58   | 1.25  | Monthly Water Treatment         |
| 22   | .049                          |                          |      |      |          |        | 1.5      |          | 2              |                       |                            | .82               | 1.90  | .52   | 1.26  | Total Gallons                   |
| 23   | .039                          |                          |      |      |          |        | 1.5      |          | 1              |                       |                            | .88               | 2.02  | .41   | 1.29  | Max. Day                        |
| 24   | .039                          |                          |      |      |          |        | 1.3      |          | 2              |                       |                            | 1.49              | 2.76  | .62   | 1.26  | Min. Day                        |
| 25   | .038                          |                          |      |      |          |        | 1.1      |          | 1              |                       |                            | 1.40              | 1.99  | .58   | 1.33  | Avg. Daily                      |
| 26   | .045                          |                          |      |      |          |        | 1.5      |          | 2              |                       |                            | .90               | 2.09  | .52   | 1.43  |                                 |
| 27   | .044                          |                          |      |      |          |        | 1.7      |          | 1              |                       |                            | .72               | 1.76  | .58   | 1.54  |                                 |
| 28   | .044                          |                          |      |      |          |        | 1.8      |          | 2              |                       |                            | .30               | 1.78  | .60   | 1.62  | Mail to:                        |
| 29   | .050                          |                          |      |      |          |        | 1.9      |          | 1              |                       |                            | .65               | 1.91  | .61   | 1.23  | Indiana Department of           |
| 30   | .043                          |                          |      |      |          |        | 1.3      |          | 2              |                       |                            | .86               | 2.07  | .76   | 1.33  | Environmental Management        |
| 31   |                               |                          |      |      |          |        |          |          |                |                       |                            |                   |       |       |       | Drinking Water Branch, MC 66-34 |
|      |                               |                          |      |      |          |        |          |          |                |                       |                            |                   |       |       |       | 100 North Senate Avenue         |
|      |                               |                          |      |      |          |        |          |          |                |                       |                            |                   |       |       |       | Indianapolis, IN 46204-2251     |