

OHA - Drinking Water Services - Surface Water Quality Data Form

County: Polk

Cartridge or Bag Filtration

Month/Year: May-21

| System Name: |                   | City of Monmouth |       | ID#: 4100537               | WTP ID:                       | TP-   | A |
|--------------|-------------------|------------------|-------|----------------------------|-------------------------------|---|---|
| Day          | PSI Before Filter | PSI After Filter | PSID  | PSID When to Change Filter | Daily Turbidity Reading [NTU] | Highest Reading of the day <sup>1</sup> [NTU] |   |
| 1            | 26.34             | 15.64            | 10.70 | 22.00                      | 0.02                          | 0.03  |   |
| 2            | 26.11             | 15.62            | 10.49 | 22.00                      | 0.02                          | 0.03  |   |
| 3            | 25.86             | 15.61            | 10.25 | 22.00                      | 0.01                          | 0.02  |   |
| 4            | 30.26             | 16.17            | 14.09 | 22.00                      | 0.02                          | 0.04  |   |
| 5            | 26.55             | 15.60            | 10.95 | 22.00                      | 0.02                          | 0.03  |   |
| 6            | 26.65             | 15.60            | 11.05 | 22.00                      | 0.01                          | 0.02  |   |
| 7            | 27.33             | 15.63            | 11.70 | 22.00                      | 0.01                          | 0.02  |   |
| 8            | 27.48             | 15.63            | 11.85 | 22.00                      | 0.02                          | 0.02  |   |
| 9            | 27.78             | 15.63            | 12.15 | 22.00                      | 0.01                          | 0.02  |   |
| 10           | 28.19             | 15.61            | 12.58 | 22.00                      | 0.01                          | 0.02  |   |
| 11           | 28.55             | 15.62            | 12.93 | 22.00                      | 0.02                          | 0.03  |   |
| 12           | 29.79             | 15.66            | 14.13 | 22.00                      | 0.01                          | 0.03  |   |
| 13           | 29.64             | 15.61            | 14.03 | 22.00                      | 0.01                          | 0.02  |   |
| 14           | 29.89             | 15.62            | 14.27 | 22.00                      | 0.02                          | 0.02  |   |
| 15           | 30.52             | 15.61            | 14.91 | 22.00                      | 0.02                          | 0.03  |   |
| 16           | 30.93             | 15.62            | 15.31 | 22.00                      | 0.01                          | 0.02  |   |
| 17           | 31.33             | 15.61            | 15.72 | 22.00                      | 0.01                          | 0.02  |   |
| 18           | 31.75             | 15.62            | 16.13 | 22.00                      | 0.01                          | 0.02  |   |
| 19           | 31.90             | 15.61            | 16.29 | 22.00                      | 0.02                          | 0.02  |   |
| 20           | 32.07             | 15.61            | 16.46 | 22.00                      | 0.02                          | 0.02  |   |
| 21           | 32.43             | 15.60            | 16.83 | 22.00                      | 0.01                          | 0.02  |   |
| 22           | 32.70             | 15.60            | 17.10 | 22.00                      | 0.01                          | 0.02  |   |
| 23           | 33.02             | 15.61            | 17.41 | 22.00                      | 0.01                          | 0.03  |   |
| 24           | 33.40             | 15.60            | 17.80 | 22.00                      | 0.01                          | 0.02  |   |
| 25           | 33.78             | 15.59            | 18.19 | 22.00                      | 0.01                          | 0.03  |   |
| 26           | 34.22             | 15.61            | 18.61 | 22.00                      | 0.02                          | 0.02  |   |
| 27           | 34.34             | 15.60            | 18.74 | 22.00                      | 0.01                          | 0.03  |   |
| 28           | 17.21             | 15.65            | 1.56  | 22.00                      | 0.01                          | 0.01  |   |
| 29           | 17.20             | 15.69            | 1.51  | 22.00                      | 0.01                          | 0.01  |   |
| 30           | 17.23             | 15.63            | 1.60  | 22.00                      | 0.01                          | 0.01  |   |
| 31           | 17.26             | 15.62            | 1.64  | 22.00                      | 0.01                          | 0.01  |   |

| Cartridge & Bag Filtration               |          | Monthly Summary (Answer Yes or No) |   |
|--|----------|------------------------------------|---|
| 95% of daily turbidity readings ≤ 1 NTU? | Yes / No | CT's met everyday? (see back)      | All Cl2 residual at entry point ≥ 0.2 mg/l? |
| All daily turbidity readings ≤ 5 NTU?    | Yes / No | Yes / No                           | Yes / No                                    |

|  |                               |                |
|--|-------------------------------|----------------|
| Notes: PSI = pounds per square inch<br>PSID = pounds per square inch difference (before filter - after filter)<br>PSID When to Change Filter = look in manual for manufacturer's specifications when to change the filter, at what PSID. | PRINTED NAME: Matt Johnson    |                |
|  | SIGNATURE: <i>[Signature]</i> | DATE: 6/2/2021 |
|  | PHONE #: ( 503 ) 838-2173     | CERT #: 6734   |

<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in Daily Turbidity Reading column may not correspond to continuous readings' maximum.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP - : A

|              |                  |              |             |        |   |   |
|--------------|------------------|--------------|-------------|--------|---|---|
| System Name: | City of Monmouth | ID#: 4100537 | Month/Year: | May-21 | Disinfection<br>Giardia Log<br>Inactiv: | 1 |
|--------------|------------------|--------------|-------------|--------|---|---|

| Date / Time | Minimum Cl <sub>2</sub><br>Residual at 1st<br>User ( C ) <sup>2</sup> | Contact Time<br>(T) | Actual CT | Temp  | pH   | Required CT | CT Met? <sup>2</sup> | Peak<br>Hourly<br>Demand<br>Flow |
|-------------|---|---------------------|-----------|-------|------|-------------|----------------------|----------------------------------|
|             | [ppm or mg/L]   | [minutes]           | C X T     | [° C] |      | formula     | Yes / No             | [GPM]                            |
| 1-7:03am    | 0.72  | 85                  | 61.2      | 14.7  | 7.41 | 31.3        | Yes                  | 854                              |
| 2-9:15AM    | 0.74  | 85                  | 62.9      | 14.3  | 7.40 | 32.1        | Yes                  | 1545                             |
| 3-7:36am    | 0.82  | 85                  | 69.7      | 14.2  | 7.38 | 32.4        | Yes                  | 861                              |
| 4-7:31am    | 0.82  | 85                  | 69.7      | 13.1  | 7.41 | 35.3        | Yes                  | 847                              |
| 5-7:32am    | 0.75  | 85                  | 63.8      | 14.4  | 7.45 | 32.6        | Yes                  | 867                              |
| 6-7:40am    | 0.79  | 85                  | 67.2      | 14.8  | 7.40 | 31.3        | Yes                  | 864                              |
| 7-7:34am    | 0.65  | 85                  | 55.3      | 15.0  | 7.50 | 31.5        | Yes                  | 875                              |
| 8-7:35am    | 0.81  | 85                  | 68.9      | 13.2  | 7.45 | 35.5        | Yes                  | 856                              |
| 9-8:00am    | 0.8   | 85                  | 68.0      | 14.3  | 7.43 | 32.7        | Yes                  | 863                              |
| 10-7:30am   | 0.83  | 85                  | 70.6      | 14.6  | 7.54 | 33.5        | Yes                  | 856                              |
| 11-7:39am   | 0.8   | 85                  | 68.0      | 14.9  | 7.45 | 31.7        | Yes                  | 861                              |
| 12-7:42am   | 0.8   | 85                  | 68.0      | 16.2  | 7.45 | 29.0        | Yes                  | 867                              |
| 13-7:30am   | 0.81  | 85                  | 68.9      | 15.5  | 7.40 | 29.9        | Yes                  | 865                              |
| 14-7:32am   | 0.77  | 85                  | 65.5      | 15.4  | 7.40 | 30.0        | Yes                  | 860                              |
| 15-8:32am   | 0.71  | 85                  | 60.4      | 15.5  | 7.41 | 29.7        | Yes                  | 862                              |
| 16-9:28am   | 0.88  | 85                  | 74.8      | 14.2  | 7.24 | 31.0        | Yes                  | 867                              |
| 17-7:32am   | 0.7   | 85                  | 59.5      | 14.0  | 7.63 | 35.5        | Yes                  | 866                              |
| 18-7:29am   | 0.8   | 85                  | 68.0      | 14.8  | 7.68 | 34.7        | Yes                  | 860                              |
| 19-7:33am   | 0.8   | 85                  | 68.0      | 14.9  | 7.59 | 33.4        | Yes                  | 854                              |
| 20-7:36am   | 0.73  | 85                  | 62.1      | 14.4  | 7.67 | 35.2        | Yes                  | 864                              |
| 21-7:15am   | 0.69  | 85                  | 58.7      | 14.5  | 7.65 | 34.6        | Yes                  | 871                              |
| 22-8:21am   | 0.85  | 85                  | 72.3      | 15.6  | 7.19 | 27.6        | Yes                  | 864                              |
| 23-8:00am   | 0.69  | 85                  | 58.7      | 15.2  | 7.24 | 28.4        | Yes                  | 862                              |
| 24-7:36am   | 0.79  | 85                  | 67.2      | 15.0  | 7.62 | 33.5        | Yes                  | 880                              |
| 25-7:32am   | 0.88  | 85                  | 74.8      | 15.2  | 7.61 | 33.2        | Yes                  | 886                              |
| 26-7:32am   | 0.83  | 85                  | 70.6      | 14.9  | 7.63 | 34.0        | Yes                  | 871                              |
| 27-7:35am   | 0.79  | 85                  | 67.2      | 15.2  | 7.62 | 33.0        | Yes                  | 874                              |
| 28-7:21am   | 0.86  | 85                  | 73.1      | 15.4  | 7.16 | 27.7        | Yes                  | 877                              |
| 29-7:28am   | 0.84  | 85                  | 71.4      | 15.1  | 7.36 | 30.4        | Yes                  | 862                              |
| 30-7:19am   | 0.82  | 85                  | 69.7      | 15.6  | 7.36 | 29.3        | Yes                  | 869                              |
| 31-7:25am   | 0.77  | 85                  | 65.5      | 15.9  | 7.34 | 28.3        | Yes                  | 875                              |

<sup>2</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised July 2018

Return by 10th of following month by email, fax, or mail to:

dwp.dmce@state.or.us; 971-673-0694; or Drinking Water Services, PO Box 14350, Portland, OR 97293-0350

6/2/2021  
