

**OHA - Drinking Water Services - Surface Water Quality Data Form**  
**Slow Sand, Membrane, Diatomaceous Earth Filtration, or Unfiltered Systems**

County: **Clatsop**  
 Month/Year: **Oct-23**

System Name: **Jewell SD#8** ID#: **41 90531** WTP: **TP -**

| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the day <sup>1</sup> [NTU] |
|-----|-------------|------------|------------|------------|------------|------------|---|
| 1   |             |            | 0.12       |            |            |            |   |
| 2   |             |            | 0.12       |            |            |            |   |
| 3   |             |            | 0.11       |            |            |            |   |
| 4   |             |            | 0.11       |            |            |            |   |
| 5   |             |            | 0.11       |            |            |            |   |
| 6   |             |            | 0.11       |            |            |            |   |
| 7   |             |            | 0.11       |            |            |            |   |
| 8   |             |            | 0.1        |            |            |            |   |
| 9   |             |            | 0.1        |            |            |            |   |
| 10  |             |            | 0.1        |            |            |            |   |
| 11  |             |            | 0.1        |            |            |            |   |
| 12  |             |            | 0.1        |            |            |            |   |
| 13  |             |            | 0.1        |            |            |            |   |
| 14  |             |            | 0.1        |            |            |            |   |
| 15  |             |            | 0.12       |            |            |            |   |
| 16  |             |            | 0.17       |            |            |            |   |
| 17  |             |            | 0.09       |            |            |            |   |
| 18  |             |            | 0.09       |            |            |            |   |
| 19  |             |            | 0.09       |            |            |            |   |
| 20  |             |            | 0.07       |            |            |            |   |
| 21  |             |            | 0.21       |            |            |            |   |
| 22  |             |            | 0.18       |            |            |            |   |
| 23  |             |            | 0.14       |            |            |            |   |
| 24  |             |            | 0.13       |            |            |            |   |
| 25  |             |            | 0.15       |            |            |            |   |
| 26  |             |            | 0.19       |            |            |            |   |
| 27  |             |            | 0.2        |            |            |            |   |
| 28  |             |            | 0.15       |            |            |            |   |
| 29  |             |            | 0.11       |            |            |            |   |
| 30  |             |            | 0.1        |            |            |            |   |
| 31  |             |            | 0.09       |            |            |            |   |

|   |   |   |   |
|---|---|---|---|
| <b>Slow Sand/Membrane/DE Filtration/Unfiltered</b>    |   | <b>Monthly Summary (Answer Yes or No)</b>                     |   |
| 95% of daily turbidity readings ≤ 1 NTU? <sup>2</sup> | <input checked="" type="radio"/> Yes <input type="radio"/> No | CT's met everyday? (see back)                                 | All Cl <sub>2</sub> residual at entry point ≥ 0.2 mg/l?       |
| All daily turbidity readings ≤ 5 NTU?                 | <input checked="" type="radio"/> Yes <input type="radio"/> No | <input checked="" type="radio"/> Yes <input type="radio"/> No | <input checked="" type="radio"/> Yes <input type="radio"/> No |
| <b>Notes:</b>   | Ronald Wanner   |   |   |
|   | SIGNATURE: Ron Wanner   |   |   |
|   | 503-741-6362  |   | t-08898 D-08782   |

<sup>1</sup> Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM through 8 PM may not correspond to continuous readings' maximum. <sup>2</sup> Filtered systems only.

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP- :

Jewell SD#8

System Name: Jewell SD#8

ID#: 41 90531

Month/Year: Oct-23

Disinfection *Giardia* Log

Inactiv:

1.0

| Date / Time | Minimum Cl <sub>2</sub> Residual at 1st User (C) <sup>3</sup> | Contact Time (T) | Actual CT    | Temp  | pH   | Required CT | CT Met? <sup>3</sup> | Peak Hourly Demand Flow |
|-------------|---|------------------|--------------|-------|------|-------------|----------------------|-------------------------|
|             | [ppm or mg/L]   | [minutes]        | <b>C X T</b> | [° C] |      | formula     | Yes / No             | [GPM]                   |
| 1           | 0.37  | 161              | 59.6         | 17.0  | 7.70 | 28.8        | Yes                  | 30                      |
| 2           | 0.36  | 161              | 58.0         | 17.2  | 7.60 | 27.3        | Yes                  | 30                      |
| 3           | 0.4   | 161              | 64.4         | 17.4  | 8.00 | 31.4        | Yes                  | 30                      |
| 4           | 0.96  | 161              | 154.6        | 17.2  | 7.80 | 31.5        | Yes                  | 30                      |
| 5           | 0.97  | 161              | 156.2        | 17.2  | 7.70 | 30.4        | Yes                  | 30                      |
| 6           | 1.07  | 161              | 172.3        | 17.1  | 7.60 | 29.8        | Yes                  | 30                      |
| 7           | 0.11  | 161              | 17.7         | 17.5  | 7.60 | 26.0        | Yes                  | 30                      |
| 8           | 0.88  | 161              | 141.7        | 17.9  | 7.70 | 28.7        | Yes                  | 30                      |
| 9           | 0.87  | 161              | 140.1        | 17.6  | 7.60 | 28.2        | Yes                  | 30                      |
| 10          | 0.9   | 161              | 144.9        | 17.1  | 7.50 | 28.2        | Yes                  | 30                      |
| 11          | 0.71  | 161              | 114.3        | 17.4  | 7.80 | 30.2        | Yes                  | 30                      |
| 12          | 0.68  | 161              | 109.5        | 17.2  | 7.80 | 30.5        | Yes                  | 30                      |
| 13          | 0.64  | 161              | 103.0        | 16.3  | 7.70 | 31.1        | Yes                  | 30                      |
| 14          | 0.45  | 161              | 72.5         | 17.5  | 7.60 | 27.0        | Yes                  | 30                      |
| 15          | 0.24  | 161              | 38.6         | 17.5  | 8.00 | 30.6        | Yes                  | 30                      |
| 16          | 0.23  | 161              | 37.0         | 17.7  | 8.00 | 30.2        | Yes                  | 30                      |
| 17          | 0.67  | 161              | 107.9        | 16.8  | 7.90 | 32.5        | Yes                  | 30                      |
| 18          | 0.77  | 161              | 124.0        | 16.6  | 7.80 | 32.1        | Yes                  | 30                      |
| 19          | 0.62  | 161              | 99.8         | 17.3  | 7.70 | 29.0        | Yes                  | 30                      |
| 20          | 0.91  | 161              | 146.5        | 17.0  | 7.80 | 31.7        | Yes                  | 30                      |
| 21          | 0.92  | 161              | 148.1        | 17.0  | 7.70 | 30.6        | Yes                  | 30                      |
| 22          | 1   | 161              | 161.0        | 16.7  | 7.40 | 28.2        | Yes                  | 30                      |
| 23          | 0.86  | 161              | 138.5        | 17.1  | 7.50 | 28.0        | Yes                  | 30                      |
| 24          | 1   | 161              | 161.0        | 16.8  | 7.60 | 30.2        | Yes                  | 30                      |
| 25          | 1.02  | 161              | 164.2        | 16.8  | 7.50 | 29.1        | Yes                  | 30                      |
| 26          | 1.01  | 161              | 162.6        | 16.3  | 7.70 | 32.4        | Yes                  | 30                      |
| 27          | 0.73  | 161              | 117.5        | 16.4  | 7.60 | 30.1        | Yes                  | 30                      |
| 28          | 0.62  | 161              | 99.8         | 15.6  | 7.60 | 31.3        | Yes                  | 30                      |
| 29          | 0.54  | 161              | 86.9         | 15.8  | 7.80 | 33.0        | Yes                  | 30                      |
| 30          | 0.35  | 161              | 56.4         | 15.3  | 7.80 | 33.4        | Yes                  | 30                      |
| 31          | 0.49  | 161              | 78.9         | 15.2  | 7.40 | 29.4        | Yes                  | 30                      |

<sup>3</sup> If Cl<sub>2</sub> at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013