

OHA - Drinking Water Services -Turbidity Monitoring Report Form
Conventional or Direct Filtration

County: **Yamhill**
 Month/Year: **Apr-21**

| System Name: City of Amity | | ID#: 41 00041 | | WTP : WTP-D | | | |
|-----------------------------------|----------------|----------------------|---------------|--------------------|---------------|---------------|--|
| Day | 12 AM [NTU] | 4 AM [NTU] | 8 AM [NTU] | NOON [NTU] | 4 PM [NTU] | 8 PM [NTU] | Highest Reading of the Day ¹ [NTU] |
| 1 | 0.042 | 0.044 | 0.042 | 0.042 | 0.042 | 0.041 | 0.199 |
| 2 | 0.041 | 0.042 | 0.042 | 0.042 | 0.042 | 0.042 | 0.168 |
| 3 | 0.041 | 0.041 | OFF | OFF | OFF | OFF | 0.042 |
| 4 | OFF | OFF | OFF | OFF | OFF | 0.042 | 0.133 |
| 5 | 0.043 | 0.042 | 0.042 | 0.043 | 0.042 | 0.042 | 0.151 |
| 6 | 0.042 | 0.042 | 0.038 | OFF | 0.034 | 0.034 | 0.183 |
| 7 | 0.034 | 0.034 | 0.039 | 0.034 | 0.035 | OFF | 0.172 |
| 8 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 9 | OFF | OFF | OFF | 0.034 | 0.034 | 0.034 | 0.051 |
| 10 | 0.034 | 0.037 | 0.035 | 0.034 | 0.034 | 0.034 | 0.147 |
| 11 | 0.034 | 0.034 | 0.036 | 0.034 | 0.034 | 0.034 | 0.148 |
| 12 | 0.034 | OFF | OFF | OFF | OFF | OFF | 0.035 |
| 13 | OFF | OFF | OFF | OFF | OFF | 0.034 | 0.080 |
| 14 | 0.034 | 0.035 | 0.034 | 0.034 | 0.034 | 0.035 | 0.089 |
| 15 | 0.034 | 0.034 | 0.036 | 0.034 | 0.034 | 0.033 | 0.106 |
| 16 | 0.033 | 0.034 | 0.034 | OFF | 0.037 | 0.035 | 0.108 |
| 17 | 0.035 | 0.034 | 0.035 | 0.035 | 0.034 | OFF | 0.102 |
| 18 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 19 | OFF | OFF | 0.034 | 0.035 | 0.034 | 0.034 | 0.108 |
| 20 | 0.034 | 0.035 | 0.034 | 0.034 | 0.034 | 0.340 | 0.111 |
| 21 | 0.034 | 0.034 | 0.034 | 0.036 | 0.036 | 0.035 | 0.195 |
| 22 | 0.036 | 0.036 | 0.036 | OFF | OFF | OFF | 0.037 |
| 23 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 24 | OFF | 0.035 | 0.035 | 0.035 | 0.035 | 0.035 | 0.165 |
| 25 | 0.037 | 0.035 | 0.035 | 0.035 | 0.034 | 0.035 | 0.148 |
| 26 | 0.035 | 0.034 | 0.036 | 0.035 | 0.034 | OFF | 0.127 |
| 27 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 28 | OFF | OFF | OFF | OFF | 0.034 | 0.034 | 0.119 |
| 29 | 0.036 | 0.035 | 0.034 | 0.110 | 0.036 | 0.035 | 0.110 |
| 30 | 0.036 | 0.034 | 0.034 | 0.034 | 0.035 | 0.034 | 0.123 |

| Conventional or Direct Filtration | | Monthly Summary (Answer Yes or No) | |
|--|--|------------------------------------|---|
| 95% of 4-hour turbidity readings ≤ 0.3 NTU? | ✓ Yes / No | CT's met everyday? (see back) | All Cl ₂ residual at entry point ≥ 0.2 mg/l? |
| All 4-hour turbidity readings ≤ 1 NTU? | ✓ Yes / No | ✓ Yes / No | ✓ Yes / No |
| All turbidity readings < IFE ² triggers | ✓ Yes / No | | |
| Notes: | PRINTED NAME: Richard A. Howard Sr. | | |
| | SIGNATURE: <i>Richard A. Howard Sr.</i> | | DATE: 5-4-21 |
| | PHONE #: (541) 835-4181 | | CERT #: 2124 |

¹ Including continuous NTU data, if applicable, for optimization recording purposes. Compliance values in columns 12 AM correspond to continuous readings' maximum. ² IFE = Individ. Filter Effl. (333-061-0040(1)(e)(B&C))

OHA - Drinking Water Program - Surface Water Quality Data Form

WTP - : WTP-D

| | | | | |
|----------------------------|---------------|--------------------|---|-----|
| System Name: City of Amity | ID#: 41 00041 | Month/Year: Apr-21 | Disinfection Giardia Log Inactiv: | 0.5 |
|----------------------------|---------------|--------------------|---|-----|

| Date | Time | Minimum Cl ₂ Residual at 1st User (C) ³ | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met? ³ | Peak Hourly Demand Flow |
|------|----------|--|------------------------|-----------|-------|-----|----------------|----------------------|----------------------------|
| | | [ppm or mg/L] | [minutes] | C X T | [° C] | | formula | Yes / No | [GPM] |
| 1 | 9:36 AM | 1.74 | 85 | 147.9 | 14.4 | 8.7 | 28.8 | Yes | 289 |
| 2 | 9:03 AM | 1.7 | 85 | 144.5 | 11.2 | 8.6 | 34.1 | Yes | 287 |
| 3 | 9:46 AM | 1.65 | 85 | 140.3 | 11.5 | 8.6 | 33.2 | Yes | 284 |
| 4 | 9:31 AM | 1.55 | 85 | 131.8 | 11.6 | 8.5 | 31.5 | Yes | 0 |
| 5 | 9:05 AM | 1.74 | 85 | 147.9 | 14.1 | 8.2 | 24.5 | Yes | 285 |
| 6 | 8:29 AM | 1.73 | 85 | 147.1 | 11.7 | 8.2 | 28.6 | Yes | 284 |
| 7 | 10:17 AM | 1.7 | 85 | 144.5 | 12.3 | 8.5 | 30.5 | Yes | 282 |
| 8 | 9:33 AM | 1.61 | 85 | 136.9 | 13.1 | 8.5 | 28.8 | Yes | 0 |
| 9 | 8:45 AM | 1.56 | 85 | 132.6 | 12.9 | 8.4 | 28.0 | Yes | 284 |
| 10 | 10:36 AM | 1.78 | 85 | 151.3 | 12.6 | 7.9 | 24.3 | Yes | 284 |
| 11 | 11:49 AM | 1.83 | 85 | 155.6 | 11.8 | 7.5 | 22.4 | Yes | 257 |
| 12 | 11:22 AM | 1.81 | 85 | 153.9 | 13.3 | 7.5 | 20.1 | Yes | 0 |
| 13 | 10:05 AM | 1.74 | 85 | 147.9 | 13.4 | 7.3 | 18.4 | Yes | 0 |
| 14 | 8:38 AM | 1.8 | 85 | 153.0 | 15.0 | 8.1 | 22.4 | Yes | 286 |
| 15 | 9:15 AM | 1.86 | 85 | 158.1 | 13.5 | 7.5 | 20.0 | Yes | 283 |
| 16 | 9:04 AM | 1.88 | 85 | 159.8 | 13.6 | 7.0 | 16.5 | Yes | 284 |
| 17 | 10:35 AM | 1.76 | 85 | 149.6 | 14.9 | 7.7 | 19.4 | Yes | 275 |
| 18 | 10:35 AM | 1.61 | 85 | 136.9 | 16.4 | 7.5 | 16.0 | Yes | 0 |
| 19 | 8:57 AM | 1.58 | 85 | 134.3 | 16.4 | 7.7 | 17.2 | Yes | 285 |
| 20 | 9:11 AM | 1.81 | 85 | 153.9 | 16.6 | 7.6 | 16.8 | Yes | 292 |
| 21 | 9:12 AM | 1.77 | 85 | 150.5 | 17.4 | 7.6 | 15.8 | Yes | 284 |
| 22 | 9:14 AM | 1.69 | 85 | 143.7 | 15.5 | 9.0 | 29.8 | Yes | 288 |
| 23 | 8:43 AM | 1.45 | 85 | 123.3 | 15.3 | 9.0 | 29.4 | Yes | 0 |
| 24 | 9:18 AM | 1.73 | 85 | 147.1 | 15.2 | 8.8 | 28.3 | Yes | 286 |
| 25 | 10:23 AM | 1.82 | 85 | 154.7 | 15.3 | 8.7 | 27.4 | Yes | 286 |
| 26 | 9:08 AM | 1.75 | 85 | 148.8 | 13.7 | 7.8 | 21.7 | Yes | 286 |
| 27 | 8:45 AM | 1.57 | 85 | 133.5 | 14.7 | 7.5 | 17.8 | Yes | 0 |
| 28 | 7:53 AM | 1.47 | 85 | 125.0 | 14.8 | 7.5 | 17.5 | Yes | 54 |
| 29 | 8:42 AM | 1.78 | 85 | 151.3 | 15.3 | 7.6 | 18.2 | Yes | 285 |
| 30 | 8:38 AM | 1.8 | 85 | 153.0 | 15.4 | 7.5 | 17.5 | Yes | 283 |
| | | | | | | | | No | |

³ If Cl₂ at entry point < 0.2 mg/l or CT not met, notify DWS within 24 hours.

Revised October 2013