

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

County: **Yamhill**
 Month/Year: **Oct-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 | 0.043 | 0.041 | 0.040 | OFF | OFF | 0.196 |
| 2 | OFF | OFF | OFF | OFF | 0.043 | 0.058 | 0.192 |
| 3 | 0.042 | 0.038 | 0.038 | 0.039 | 0.044 | 0.040 | 0.194 |
| 4 | 0.039 | 0.039 | OFF | OFF | OFF | OFF | 0.052 |
| 5 | OFF | OFF | OFF | OFF | OFF | 0.039 | 0.162 |
| 6 | 0.039 | 0.038 | 0.039 | 0.041 | 0.040 | 0.039 | 0.193 |
| 7 | 0.039 | 0.039 | 0.039 | OFF | 0.037 | OFF | 0.189 |
| 8 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 9 | OFF | OFF | OFF | 0.048 | 0.044 | 0.039 | 0.189 |
| 10 | 0.038 | 0.037 | 0.037 | 0.037 | 0.036 | 0.037 | 0.174 |
| 11 | 0.037 | 0.036 | 0.038 | OFF | OFF | OFF | 0.196 |
| 12 | OFF | OFF | OFF | OFF | 0.043 | 0.037 | 0.160 |
| 13 | 0.037 | 0.037 | 0.043 | 0.039 | 0.039 | 0.038 | 0.157 |
| 14 | 0.037 | 0.039 | 0.037 | OFF | OFF | OFF | 0.192 |
| 15 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 16 | OFF | OFF | OFF | 0.037 | 0.038 | 0.037 | 0.173 |
| 17 | 0.036 | 0.038 | 0.036 | 0.036 | 0.037 | 0.036 | 0.200 |
| 18 | 0.036 | 0.036 | 0.045 | 0.036 | 0.036 | 0.039 | 0.194 |
| 19 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 20 | OFF | OFF | OFF | 0.037 | 0.037 | 0.042 | 0.197 |
| 21 | 0.037 | 0.036 | 0.036 | 0.038 | 0.038 | 0.036 | 0.195 |
| 22 | OFF | OFF | OFF | 0.037 | 0.034 | 0.034 | 0.171 |
| 23 | 0.034 | 0.034 | 0.034 | OFF | OFF | OFF | 0.109 |
| 24 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |
| 25 | OFF | OFF | OFF | 0.035 | 0.034 | 0.034 | 0.157 |
| 26 | 0.034 | 0.034 | 0.034 | 0.035 | 0.034 | 0.034 | 0.105 |
| 27 | 0.034 | 0.034 | 0.035 | 0.034 | 0.035 | 0.037 | 0.197 |
| 28 | 0.035 | 0.035 | 0.034 | 0.036 | 0.034 | 0.034 | 0.191 |
| 29 | 0.034 | 0.034 | 0.034 | 0.034 | 0.035 | 0.034 | 0.135 |
| 30 | 0.034 | OFF | OFF | OFF | OFF | OFF | 0.102 |
| 31 | OFF | OFF | OFF | OFF | OFF | OFF | OFF |

| 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: 11-2-21 | |
| | PHONE #: (503) 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: Oct-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 | 9:43 AM | 1.9 | 85 | 161.5 | 16.5 | 7.8 | 18.4 | Yes | 288 |
| 2 | 10:37 AM | 1.43 | 85 | 121.6 | 19.1 | 8.0 | 15.8 | Yes | 0 |
| 3 | 9:52 AM | 1.96 | 85 | 166.6 | 15.7 | 8.9 | 29.2 | Yes | 287 |
| 4 | 9:28 AM | 1.81 | 85 | 153.9 | 17.4 | 7.9 | 17.8 | Yes | 289 |
| 5 | 8:49 AM | 1.43 | 85 | 121.6 | 18.2 | 8.0 | 16.7 | Yes | 290 |
| 6 | 9:02 AM | 1.92 | 85 | 163.2 | 15.0 | 8.4 | 25.3 | Yes | 295 |
| 7 | 8:53 AM | 1.99 | 85 | 169.2 | 15.2 | 8.4 | 25.2 | Yes | 291 |
| 8 | 9:31 AM | 1.5 | 85 | 127.5 | 15.1 | 8.3 | 23.1 | Yes | 0 |
| 9 | 8:00 AM | 1.25 | 85 | 106.3 | 16.9 | 8.5 | 21.5 | Yes | 288 |
| 10 | 9:47 AM | 1.95 | 85 | 165.8 | 16.8 | 8.5 | 23.4 | Yes | 287 |
| 11 | 9:50 AM | 1.98 | 85 | 168.3 | 14.7 | 8.5 | 27.0 | Yes | 253 |
| 12 | 9:00 AM | 1.64 | 85 | 139.4 | 16.9 | 8.7 | 24.2 | Yes | 204 |
| 13 | 8:40 AM | 2.04 | 85 | 173.4 | 14.6 | 8.5 | 27.4 | Yes | 288 |
| 14 | 9:38 AM | 1.9 | 85 | 161.5 | 13.6 | 8.5 | 28.8 | Yes | 287 |
| 15 | 9:34 AM | 1.46 | 85 | 124.1 | 16.8 | 8.2 | 19.8 | Yes | 0 |
| 16 | 9:08 AM | 1.27 | 85 | 108.0 | 14.6 | 8.2 | 22.5 | Yes | 257 |
| 17 | 10:48 AM | 2.02 | 85 | 171.7 | 14.4 | 8.3 | 25.7 | Yes | 288 |
| 18 | 9:02 AM | 1.83 | 85 | 155.6 | 13.7 | 8.4 | 27.3 | Yes | 291 |
| 19 | 9:11 AM | 1.58 | 85 | 134.3 | 16.1 | 8.5 | 23.5 | Yes | 0 |
| 20 | 9:44 AM | 1.52 | 85 | 129.2 | 15.1 | 8.7 | 26.9 | Yes | 288 |
| 21 | 11:17 AM | 1.81 | 85 | 153.9 | 14.9 | 8.4 | 25.2 | Yes | 237 |
| 22 | 10:26 AM | 1.57 | 85 | 133.5 | 14.7 | 8.4 | 24.8 | Yes | 286 |
| 23 | 9:34 AM | 1.9 | 85 | 161.5 | 14.1 | 7.5 | 19.3 | Yes | 285 |
| 24 | 9:35 AM | 1.5 | 85 | 127.5 | 16.2 | 7.6 | 16.6 | Yes | 0 |
| 25 | 8:51 AM | 1.4 | 85 | 119.0 | 15.5 | 7.5 | 16.6 | Yes | 226 |
| 26 | 8:54 AM | 1.79 | 85 | 152.2 | 13.5 | 7.5 | 19.8 | Yes | 293 |
| 27 | 11:02 AM | 1.9 | 85 | 161.5 | 14.1 | 7.6 | 20.0 | Yes | 292 |
| 28 | 8:41 AM | 1.81 | 85 | 153.9 | 13.9 | 8.4 | 26.9 | Yes | 294 |
| 29 | 9:47 AM | 1.98 | 85 | 168.3 | 15.0 | 7.5 | 18.3 | Yes | 291 |
| 30 | 8:33 AM | 1.77 | 85 | 150.5 | 14.9 | 7.8 | 20.1 | Yes | 146 |
| 31 | 11:00 AM | 1.55 | 85 | 131.8 | 14.7 | 7.5 | 17.8 | Yes | 0 |

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

Revised October 2013