

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

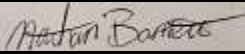
County: CLATSOP
Month/Year: Feb, 2022

System Name: City of Astoria

ID#: 41-00055

WTP: WTP-A

| 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] |
|-----|----------------|---------------|---------------|---------------|---------------|---------------|---|
| 01 | 0.08 | 0.09 | 0.08 | 0.07 | 0.09 | 0.12 | 0.12 |
| 02 | 0.1 | 0.09 | 0.08 | 0.08 | 0.08 | 0.1 | 0.1 |
| 03 | 0.09 | 0.09 | 0.09 | 0.08 | 0.1 | 0.12 | 0.14 |
| 04 | 0.1 | 0.1 | 0.09 | 0.09 | 0.1 | 0.11 | 0.11 |
| 05 | 0.1 | 0.09 | 0.09 | 0.09 | 0.1 | 0.12 | 0.12 |
| 06 | 0.11 | 0.1 | 0.09 | 0.08 | 0.09 | 0.11 | 0.12 |
| 07 | 0.11 | 0.09 | 0.08 | 0.08 | 0.08 | 0.1 | 0.11 |
| 08 | 0.09 | 0.08 | 0.08 | 0.08 | 0.09 | 0.11 | 0.11 |
| 09 | 0.1 | 0.09 | 0.08 | 0.08 | 0.09 | 0.11 | 0.11 |
| 10 | 0.1 | 0.09 | 0.08 | 0.08 | 0.09 | 0.07 | 0.1 |
| 11 | 0.07 | 0.07 | 0.07 | 0.07 | 0.06 | 0.07 | 0.08 |
| 12 | 0.08 | 0.08 | 0.07 | 0.07 | 0.06 | 0.07 | 0.08 |
| 13 | 0.08 | 0.08 | 0.07 | 0.07 | 0.06 | 0.07 | 0.08 |
| 14 | 0.08 | 0.08 | 0.07 | 0.06 | 0.06 | 0.07 | 0.08 |
| 15 | 0.07 | 0.07 | 0.07 | 0.06 | 0.06 | 0.07 | 0.08 |
| 16 | 0.08 | 0.07 | 0.07 | 0.06 | 0.07 | 0.08 | 0.2 |
| 17 | 0.08 | 0.08 | 0.07 | 0.07 | 0.07 | 0.07 | 0.08 |
| 18 | 0.08 | 0.08 | 0.07 | 0.06 | 0.06 | 0.07 | 0.1 |
| 19 | 0.08 | 0.09 | 0.07 | 0.06 | 0.06 | 0.06 | 0.09 |
| 20 | 0.07 | 0.08 | 0.06 | 0.06 | 0.06 | 0.06 | 0.08 |
| 21 | 0.08 | 0.08 | 0.07 | 0.06 | 0.06 | 0.06 | 0.1 |
| 22 | 0.08 | 0.08 | 0.05 | 0.05 | 0.05 | 0.06 | 0.08 |
| 23 | 0.07 | 0.05 | 0.04 | 0.04 | 0.04 | 0.06 | 0.07 |
| 24 | 0.05 | 0.04 | 0.04 | 0.04 | 0.04 | 0.05 | 0.07 |
| 25 | 0.07 | 0.05 | 0.04 | 0.04 | 0.04 | 0.06 | 0.09 |
| 26 | 0.08 | 0.06 | 0.04 | 0.04 | 0.04 | 0.05 | 0.08 |
| 27 | 0.05 | 0.05 | 0.04 | 0.04 | 0.04 | 0.05 | 0.06 |
| 28 | 0.06 | 0.05 | 0.05 | 0.07 | 0.07 | 0.07 | 0.08 |

| | | | |
|--|--|---|--|
| Slow Sand / Membrane / DE Filtration / Unfiltered | | Monthly Summary (Answer Yes or No) | |
| 95% of daily turbidity readings =< 1 NTU? YES | | CT's met everyday? (see back) YES | All CL2 residual at entry point >= 0.2 mg/L? YES |
| All daily turbidity readings =< 5 NTU? YES | | | |
| Notes: | | PRINTED NAME: Nathan Bartlett | |
| | | SIGNATURE:  | DATE: 3/1/2022 |
| | | PHONE #: (503)325-3524 | CERT: T-08872 |

OHA - Drinking Water Services - Surface Water Quality Data Form

WTP : WTP-A

System Name: City of Astoria ID#: 41-00055 Month/Year: Feb,2022 Disinfection Giardia Log Inactiv: 1.0

| Date / Time | Minimum CL2 Residual at 1st User (C) | Contact Time (T) | Actual CT | Temp | pH | Required CT | CT Met | Peak Hourly Demand Flow |
|-------------|--|----------------------------|-----------|-----------|------|----------------|----------|----------------------------|
| | [ppm] | [minutes] | C X T | [Celsius] | | formula | Yes / No | [GPM] |
| 01 / 3:20 | 1.63 | 173 | 283 | 7.22 | 7.18 | 53 | YES | 1084 |
| 02 / 10:09 | 1.63 | 171 | 279 | 7.32 | 7.19 | 53 | YES | 1097 |
| 03 / 14:24 | 1.61 | 152 | 245 | 7.04 | 7.19 | 54 | YES | 1235 |
| 04 / 6:55 | 1.61 | 153 | 246 | 7.21 | 7.18 | 53 | YES | 1232 |
| 05 / 7:51 | 1.62 | 152 | 247 | 7.29 | 7.19 | 53 | YES | 1234 |
| 06 / 9:33 | 1.6 | 153 | 245 | 7.1 | 7.2 | 54 | YES | 1230 |
| 07 / 17:47 | 1.6 | 153 | 245 | 7.17 | 7.2 | 53 | YES | 1230 |
| 08 / 21:04 | 1.62 | 152 | 247 | 7.15 | 7.21 | 54 | YES | 1234 |
| 09 / 10:25 | 1.61 | 153 | 247 | 7.17 | 7.22 | 54 | YES | 1227 |
| 10 / 8:38 | 1.61 | 153 | 246 | 7.49 | 7.22 | 53 | YES | 1228 |
| 11 / 22:05 | 1.62 | 153 | 248 | 7.64 | 7.21 | 52 | YES | 1229 |
| 12 / 11:07 | 1.63 | 152 | 248 | 7.59 | 7.22 | 53 | YES | 1238 |
| 13 / 9:31 | 1.63 | 153 | 249 | 7.62 | 7.22 | 52 | YES | 1230 |
| 14 / 19:01 | 1.62 | 153 | 247 | 7.73 | 7.22 | 52 | YES | 1232 |
| 15 / 15:35 | 1.64 | 152 | 249 | 7.71 | 7.23 | 52 | YES | 1236 |
| 16 / 3:43 | 1.64 | 151 | 247 | 7.58 | 7.23 | 53 | YES | 1248 |
| 17 / 7:48 | 1.64 | 151 | 247 | 7.58 | 7.24 | 53 | YES | 1249 |
| 18 / 11:42 | 1.65 | 151 | 250 | 7.64 | 7.25 | 53 | YES | 1243 |
| 19 / 14:04 | 1.63 | 153 | 249 | 7.63 | 7.25 | 53 | YES | 1232 |
| 20 / 23:00 | 1.63 | 151 | 246 | 7.63 | 7.26 | 53 | YES | 1246 |
| 21 / 14:27 | 1.63 | 150 | 245 | 7.3 | 7.26 | 54 | YES | 1253 |
| 22 / 14:44 | 1.63 | 135 | 220 | 6.88 | 7.26 | 56 | YES | 1396 |
| 23 / 7:04 | 1.62 | 134 | 218 | 5.94 | 7.3 | 60 | YES | 1400 |
| 24 / 7:53 | 1.6 | 134 | 215 | 5.63 | 7.33 | 62 | YES | 1398 |
| 25 / 23:20 | 1.59 | 134 | 214 | 5.46 | 7.33 | 63 | YES | 1398 |
| 26 / 9:37 | 1.59 | 135 | 215 | 5.65 | 7.34 | 62 | YES | 1393 |
| 27 / 5:26 | 1.54 | 135 | 208 | 5.6 | 7.35 | 62 | YES | 1391 |
| 28 / 5:26 | 1.51 | 135 | 204 | 6.54 | 7.34 | 58 | YES | 1393 |

If CL2 at entry point < 0.2 mg/L or CT not met, notify DWS within 24 hours.