

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

County: Polk

Name: City of Dallas on

ID #41: 00248 WTP-:

Month/Year: Jan 2021

| 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 | .052 | .051 | .051 | .057 | .052 | .053 | .057 |
| 2 | .053 | .052 | .051 | .055 | .054 | .067 | .067 |
| 3 | .058 | .051 | .051 | .060 | .059 | .055 | .067 |
| 4 | .054 | .054 | .053 | .063 | .069 | .053 | .067 |
| 5 | .054 | .054 | .050 | .061 | .056 | .056 | .061 |
| 6 | .056 | .052 | .054 | .060 | .066 | .061 | .066 |
| 7 | .060 | .060 | .060 | .067 | .071 | .075 | .075 |
| 8 | .065 | .059 | .063 | .061 | .062 | .063 | .065 |
| 9 | .061 | off | .063 | .069 | .065 | .061 | .067 |
| 10 | .066 | .061 | .062 | .064 | .063 | .061 | .066 |
| 11 | .061 | .058 | off | .057 | .054 | .056 | .061 |
| 12 | .054 | .055 | .055 | off | .079 | .061 | .079 |
| 13 | .059 | .056 | .057 | .049 | off | off | .059 |
| 14 | off | off | 1.48 | 2.78 | 0.4 | off | 2.78 |
| 15 | off | off | off | off | off | off | off |
| 16 | off | 2.37 | 3.2 | 3.1 | 3.8 | 2.33 | 3.8 |
| 17 | .955 | .903 | .929 | .879 | .312 | .874 | .955 |
| 18 | .889 | .889 | 1.62 | .106 ^{#4} _{#4BW} | .291 | .101 | 1.62 |
| 19 | .079 | .079 | .110 | .077 | .183 | .08 | .183 |
| 20 | .106 | .085 | .098 | .074 | .113 | .075 | .113 |
| 21 | .073 | .095 | .074 | .110 | .076 | .076 | .110 |
| 22 | .080 | .075 | off | .069 | .071 | .075 | .080 |
| 23 | .085 | .070 | .064 | .074 | .069 | .070 | .085 |
| 24 | .069 | .070 | .070 | .07 | .07 | .075 | .075 |
| 25 | .069 | .070 | .060 | .063 | .060 | .059 | .070 |
| 26 | .060 | .076 | .060 | .074 | .069 | .059 | .076 |
| 27 | .059 | .064 | .060 | .059 | .059 | .059 | .064 |
| 28 | .059 | .060 | .059 | .059 | .059 | .059 | .060 |
| 29 | .060 | .058 | .059 | .054 | .059 | .058 | .060 |
| 30 | .059 | .058 | .059 | .060 | .074 | .059 | .074 |
| 31 | .059 | .060 | .075 | .060 | .101 | .060 | .101 |

| | | | |
|---|--|---|--|
| Conventional or Direct Filtration | | Monthly Summary (Answer Yes or No) | |
| Monthly Summary 95% of the 4-hour turbidity readings ≤ 0.3 NTU? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All the 4-hour turbidity readings ≤ 1 NTU? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> All turbidity readings < IFE ² triggers? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | | CT's met everyday? (see back) Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> | All Cl ₂ residuals at entry point ≥ 0.2 mg/l? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> |
| Notes: | | PRINTED NAME: <u>Dennis Schlegel</u> | DATE: <u>2/6/21</u> |
| | | SIGNATURE: <u>[Signature]</u> | CERT #: <u>7023</u> |
| | | PHONE #: <u>(503) 622-2175</u> | |

¹ Including continuous turbidity data, if applicable, for optimization recording purposes. Compliance values in columns "12 AM" through "8 PM" may not correspond to continuous readings' maximum. ² IFE = Indivd. Filter Effl. (OAR 333-061-0040(1)(d)(B&C))

OHA - Drinking Water Program – Surface Water Quality Data Form - Giardia Inactivation

Name:

Chad Daniels OR

ID #41:

00248

WTP-:

Month/Year:

Jan 2011

Log Requirement

(Circle One): 0.5 1.0

| Date / Time | Minimum Cl ₂ Residual at 1 st 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] | | Use tables | Yes / No | [GPM] |
| 1/0730 | 1.03 | 112 | 115 | 8.3 | 7.24 | 60 | yes | 1264.0 |
| 2/0830 | 1.09 | 112 | 122 | 9.4 | 7.77 | 60 | yes | 1265.5 |
| 3/0955 | 1.20 | 112 | 134 | 9.5 | 7.17 | 61 | yes | 1267.0 |
| 4/0906 | 1.01 | 112 | 113 | 9.8 | 7.02 | 60 | yes | 1262.6 |
| 5/0745 | 1.08 | 112 | 120 | 9.7 | 7.08 | 60 | yes | 1297.0 |
| 6/0740 | 1.30 | 112 | 145 | 9.9 | 7.09 | 61 | yes | 1265.5 |
| 7/0935 | 1.41 | 112 | 158 | 9.7 | 7.13 | 62 | yes | 1125.1 |
| 8/0900 | 1.48 | 112 | 166 | 9.8 | 7.18 | 62 | yes | 1130.7 |
| 9/0735 | 1.31 | 112 | 146 | 9.5 | 7.20 | 62 | yes | 1167.6 |
| 10/0750 | 1.33 | 112 | 148 | 9.2 | 7.26 | 62 | yes | 1173.6 |
| 11/0900 | 1.30 | 112 | 145 | 8.8 | 7.16 | 62 | yes | 1295.0 |
| 12/0805 | 1.39 | 112 | 155 | 9.7 | 7.16 | 62 | yes | 1714.0 |
| 13/0750 | 1.18 | 112 | 132 | 10.2 | 7.09 | 46 | yes | 1681.3 |
| 14/0805 | .89 | 112 | 99 | 9.7 | 7.03 | 58 | yes | 1754.0 |
| 15/1230 | .87 | 112 | 97 | 11.1 | 6.93 | 37 | yes | 918.5 |
| 16/1100 | .84 | 112 | 94 | 9.8 | 6.88 | 49 | yes | 1110.8 |
| 17/1000 | 1.87 | 112 | 209 | 10.4 | 6.86 | 41 | yes | 1710.5 |
| 18/0805 | 2.20 | 112 | 246 | 10.0 | 6.75 | 42 | yes | 1830.0 |
| 19/0720 | 2.58 | 112 | 288 | 9.7 | 6.52 | 58 | yes | 1854.6 |
| 20/0800 | 1.90 | 112 | 212 | 8.5 | 7.13 | 67 | yes | 1830.3 |
| 21/0910 | 2.05 | 112 | 229 | 8.0 | 7.09 | 67 | yes | 1877.7 |
| 22/1040 | 2.01 | 112 | 225 | 8.2 | 7.07 | 67 | yes | 1181.8 |
| 23/1000 | 1.59 | 112 | 178 | 7.6 | 7.10 | 64 | yes | 1205.2 |
| 24/1100 | 1.49 | 112 | 167 | 9.3 | 7.02 | 64 | yes | 1189.9 |
| 25/0815 | 1.50 | 112 | 168 | 8.0 | 7.18 | 64 | yes | 1179.3 |
| 26/0820 | 1.40 | 112 | 156 | 6.9 | 7.25 | 62 | yes | 1184.6 |
| 27/0815 | 1.37 | 112 | 153 | 6.8 | 7.23 | 62 | yes | 1181.0 |
| 28/0805 | 1.24 | 112 | 138 | 6.8 | 7.34 | 61 | yes | 1181.2 |
| 29/0825 | 1.40 | 112 | 156 | 6.7 | 7.28 | 62 | yes | 1313.9 |
| 30/0900 | 1.20 | 112 | 134 | 8.4 | 7.18 | 62 | yes | 1272.0 |
| 31/0900 | 1.16 | 112 | 130 | 8.9 | 7.20 | 61 | yes | 1279.5 |

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

Revised September 2016

Download form at: public.health.oregon.gov/HealthyEnvironments/DrinkingWater/Monitoring/Documents/turb-conv-direct.pdf

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