

OHA - Drinking Water Program - Turbidity Monitoring Report form County Clackamas
 Minikahda Water District PWS ID# 4193609
 TURBIDITY MONITORING REPORT FORM

MT/YR Aug-23

| CT MET | DAY | supply press | psid pre | psid post | PSI when to | Daily Turbidity | | HIGHEST READING |
|---|-----|--------------|----------|-----------|-------------|-----------------|--------------------------------------|-----------------|
| YES/NO | | | | | | NTU | | NTU |
| YES | 1 | 46 | 45 | 1 | 15, 15 | 0.07 | | |
| YES | 2 | 45 | 44 | 1 | 15, 15 | 0.08 | | |
| YES | 3 | 52 | 51 | 1 | 15, 15 | 0.08 | | |
| YES | 4 | 49 | 48 | 1 | 15, 15 | 0.07 | | |
| YES | 5 | 50 | 49 | 1 | 15, 15 | 0.07 | | |
| YES | 6 | 50 | 49 | 1 | 15, 15 | 0.08 | | |
| YES | 7 | 48 | 47 | 1 | 15, 15 | 0.07 | | |
| YES | 8 | 46 | 45 | 1 | 15, 15 | 0.1 | | |
| YES | 9 | 49 | 48 | 1 | 15, 15 | 0.11 | | |
| YES | 10 | 48 | 47 | 1 | 15, 15 | 0.1 | | |
| YES | 11 | 48 | 47 | 1 | 15, 15 | 0.1 | | |
| YES | 12 | 48 | 47 | 1 | 15, 15 | 0.1 | | |
| YES | 13 | 48.6 | 48.6 | 0.0 | 15, 15 | 0.12 | enable scada on pressure | |
| YES | 14 | 47.6 | 47.6 | 0.0 | 15, 15 | 0.13 | | |
| YES | 15 | 47.6 | 47.5 | 0.1 | 15, 15 | 0.12 | | |
| YES | 16 | 51.3 | 51.3 | 0.0 | 15, 15 | 0.12 | | |
| YES | 17 | 48.1 | 48.0 | 0.1 | 15, 15 | 0.15 | | |
| YES | 18 | 48.6 | 48.6 | 0.0 | 15, 15 | 0.16 | | |
| YES | 19 | 50.7 | 50.5 | 0.2 | 15, 15 | 0.17 | | |
| YES | 20 | 49.9 | 49.9 | 0.0 | 15, 15 | 0.12 | | |
| YES | 21 | 48.6 | 48.7 | -0.1 | 15, 15 | 0.12 | | |
| YES | 22 | 51.6 | 51.5 | 0.1 | 15, 15 | 0.12 | | |
| YES | 23 | 49.7 | 49.8 | -0.1 | 15, 15 | 0.13 | | |
| YES | 24 | 49.6 | 49.7 | -0.1 | 15, 15 | 0.13 | | |
| YES | 25 | 51.4 | 51.3 | 0.1 | 15, 15 | 0.13 | | |
| YES | 26 | 51.3 | 51.3 | 0.0 | 15, 15 | 0.13 | | |
| YES | 27 | 50.1 | 50.1 | 0.0 | 15, 15 | 0.12 | | |
| YES | 28 | 50.1 | 50.2 | -0.1 | 15, 15 | 0.13 | | |
| YES | 29 | 48.7 | 48.6 | 0.1 | 15, 15 | 0.14 | | |
| YES | 30 | 50.2 | 50.2 | 0.0 | 15, 15 | 0.13 | | |
| YES | 31 | 57.5 | 57.5 | 0.0 | 15, 15 | 0.12 | | |
| | | | | | | | CL ₂ RESID AT Entry Point | |
| 95% of Daily Turbidity Readings < 1 ntu Yes | | | | | | | ALWAYS >0.2 MG/L Yes | |
| All Daily Turbidity Readings < 5 NTU Yes | | | | | | | CT's Met Everyday? Yes | |

phone 503-310-9262

SIGNATURE: David Jacob
 PRINT NAME David Jacob

DATE 9/3/2023 CERT # 3675

OHA - Drinking Water Program - Turbidity Monitoring Report for County Clackamas
 Minikahda Water District PWS ID# 4193609
 SURFACE WATER QUALITY DATA

Aug-23

| DATE | TIME | CHLORINE RESIDUAL | CONTACT TIME | ACTUAL CT | WATER TEMP | WATER PH | CT REQUIRED | PEAK HOURLY FLOW |
|---------|------|-------------------|--------------|-----------|------------|----------|-------------|------------------|
| | | PPM | minutes | C x T | C° | | Equation | GPM |
| 8/1/23 | | 1.3 | 101 | 135 | 11.51 | 7.71 | 47 | 7.7 |
| 8/2/23 | | 1.3 | 125 | 158 | 11.7 | 7.67 | 45 | 6.3 |
| 8/3/23 | | 1.3 | 103 | 130 | 11.94 | 7.64 | 44 | 7.5 |
| 8/4/23 | | 1.3 | 134 | 174 | 12.19 | 7.64 | 43 | 5.8 |
| 8/5/23 | | 1.3 | 134 | 174 | 12.74 | 7.65 | 42 | 5.8 |
| 8/6/23 | | 1.3 | 130 | 174 | 12.98 | 7.69 | 42 | 6.0 |
| 8/7/23 | | 1.3 | 121 | 162 | 13.16 | 7.68 | 41 | 6.5 |
| 8/8/23 | | 1.2 | 136 | 156 | 12.92 | 7.69 | 41 | 5.8 |
| 8/9/23 | | 1.0 | 134 | 136 | 12.92 | 7.94 | 44 | 5.8 |
| 8/10/23 | | 1.0 | 127 | 127 | 12.94 | 7.75 | 41 | 6.1 |
| 8/11/23 | | 1.3 | 89 | 116 | 12.61 | 7.76 | 44 | 8.8 |
| 8/12/23 | | 1.3 | 111 | 147 | 12.49 | 7.76 | 44 | 7.0 |
| 8/13/23 | | 1.3 | 109 | 137 | 12.98 | 7.74 | 42 | 7.2 |
| 8/14/23 | | 1.2 | 93 | 107 | 13.9 | 7.74 | 39 | 8.4 |
| 8/15/23 | | 1.3 | 110 | 142 | 14.32 | 7.72 | 38 | 7.1 |
| 8/16/23 | | 1.2 | 111 | 131 | 14.94 | 7.67 | 36 | 7.0 |
| 8/17/23 | | 1.2 | 95 | 110 | 15.39 | 7.66 | 35 | 8.3 |
| 8/18/23 | | 1.1 | 120 | 136 | 14.51 | 7.67 | 37 | 6.5 |
| 8/19/23 | | 1.1 | 102 | 114 | 13.1 | 7.74 | 41 | 7.7 |
| 8/20/23 | | 1.2 | 107 | 126 | 12.68 | 7.77 | 43 | 7.3 |
| 8/21/23 | | 1.2 | 102 | 122 | 12.49 | 7.74 | 43 | 7.6 |
| 8/22/23 | | 1.2 | 132 | 155 | 12 | 7.81 | 46 | 5.9 |
| 8/23/23 | | 1.1 | 104 | 116 | 11.7 | 7.77 | 46 | 7.5 |
| 8/24/23 | | 1.2 | 93 | 110 | 11.21 | 7.77 | 48 | 8.4 |
| 8/25/23 | | 1.1 | 117 | 131 | 12.13 | 7.65 | 43 | 6.7 |
| 8/26/23 | | 1.1 | 102 | 113 | 12.68 | 7.64 | 41 | 7.7 |
| 8/27/23 | | 1.1 | 83 | 95 | 13.41 | 7.71 | 40 | 9.4 |
| 8/28/23 | | 1.2 | 116 | 134 | 13.47 | 7.72 | 40 | 6.7 |
| 8/29/23 | | 0.9 | 109 | 98 | 12.77 | 7.74 | 41 | 7.2 |
| 8/30/23 | | 0.6 | 82 | 48 | 12.43 | 7.62 | 39 | 9.5 |
| 8/31/23 | | 0.8 | 100 | 78 | 12.16 | 7.67 | 41 | 7.8 |

6.875