

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

MT/YR Sep-22

| CT MET                                      | DAY | supply press | psid pre | psid post | PSI when to | Daily Turbidity |                                      | HIGHEST READING |
|---|-----|--------------|----------|-----------|-------------|-----------------|--------------------------------------|-----------------|
| YES/NO                                      |     |              |          |           |             | NTU             |                                      | NTU             |
| YES   | 1   | 56           | 55       | 1         | 15, 15      | 0.33            |                                      |                 |
| YES   | 2   | 52           | 51       | 1         | 15, 15      | 0.36            |                                      |                 |
| YES   | 3   | 55           | 54       | 1         | 15, 15      | 0.33            |                                      |                 |
| YES   | 4   | 51           | 50       | 1         | 15, 15      | 0.26            |                                      |                 |
| YES   | 5   | 55           | 54       | 1         | 15, 15      | 0.33            |                                      |                 |
| YES   | 6   | 51           | 50       | 1         | 15, 15      | 0.3             |                                      |                 |
| YES   | 7   | 53           | 52       | 1         | 15, 15      | 0.23            |                                      |                 |
| YES   | 8   | 56           | 55       | 1         | 15, 15      | 0.48            |                                      |                 |
| YES   | 9   | 53           | 52       | 1         | 15, 15      | 0.43            |                                      |                 |
| YES   | 10  | 49           | 48       | 1         | 15, 15      | 0.34            |                                      |                 |
| YES   | 11  | 55           | 54       | 1         | 15, 15      | 0.33            |                                      |                 |
| YES   | 12  | 55           | 54       | 1         | 15, 15      | 0.27            |                                      |                 |
| YES   | 13  | 53           | 51       | 2         | 15, 15      | 0.33            |                                      |                 |
| YES   | 14  | 55           | 54       | 1         | 15, 15      | 0.23            |                                      |                 |
| YES   | 15  | 55           | 54       | 1         | 15, 15      | 0.39            |                                      |                 |
| YES   | 16  | 58           | 57       | 1         | 15, 15      | 0.29            |                                      |                 |
| YES   | 17  | 55           | 54       | 1         | 15, 15      | 0.33            |                                      |                 |
| YES   | 18  | 56           | 55       | 1         | 15, 15      | 0.34            |                                      |                 |
| YES   | 19  | 55           | 54       | 1         | 15, 15      | 0.29            |                                      |                 |
| YES   | 20  | 52           | 51       | 1         | 15, 15      | 0.34            |                                      |                 |
| YES   | 21  | 55           | 54       | 1         | 15, 15      | 0.31            |                                      |                 |
| YES   | 22  | 55           | 54       | 1         | 15, 15      | 0.44            |                                      |                 |
| YES   | 23  | 57           | 56       | 1         | 15, 15      | 0.44            |                                      |                 |
| YES   | 24  | 50           | 49       | 1         | 15, 15      | 0.27            |                                      |                 |
| YES   | 25  | 52           | 51       | 1         | 15, 15      | 0.44            |                                      |                 |
| YES   | 26  | 52           | 51       | 1         | 15, 15      | 0.46            |                                      |                 |
| YES   | 27  | 51           | 50       | 1         | 15, 15      | 0.45            |                                      |                 |
| YES   | 28  | 53           | 52       | 1         | 15, 15      | 0.33            |                                      |                 |
| YES   | 29  | 55           | 54       | 1         | 15, 15      | 0.45            |                                      |                 |
| YES   | 30  | 52           | 51       | 1         | 15, 15      | 0.38            |                                      |                 |
|   |     |              |          |           |             |                 | CL <sub>2</sub> 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 10/2/2022 CERT # 3675

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 Minikahda Water District PWS ID# 4193609  
 SURFACE WATER QUALITY DATA

Sep-22

| DATE    | TIME  | CHLORINE<br>RESIDUAL | CONTACT<br>TIME | ACTUAL<br>CT | WATER<br>TEMP | WATER<br>PH | CT<br>REQUIRED | PEAK HOURLY<br>FLOW |
|---------|-------|----------------------|-----------------|--------------|---------------|-------------|----------------|---------------------|
|         |       | PPM                  | minutes         | C x T        | C°            |             | Equation       | GPM                 |
| 9/1/22  | 18:00 | 1.30                 | 118             | 154          | 16            | 7.4         | 31             | 6.6                 |
| 9/2/22  | 15:00 | 1.30                 | 102             | 133          | 15            | 7.4         | 33             | 7.6                 |
| 9/3/22  | 12:00 | 1.30                 | 121             | 157          | 15            | 7.3         | 32             | 6.4                 |
| 9/4/22  | 16:45 | 1.30                 | 97              | 126          | 14            | 7.4         | 35             | 8.1                 |
| 9/5/22  | 14:15 | 1.30                 | 104             | 135          | 14            | 7.4         | 35             | 7.5                 |
| 9/6/22  | 15:00 | 1.30                 | 115             | 150          | 15            | 7.4         | 33             | 6.8                 |
| 9/7/22  | 19:20 | 1.30                 | 96              | 124          | 15            | 7.4         | 33             | 8.2                 |
| 9/8/22  | 14:00 | 1.30                 | 111             | 144          | 16            | 7.4         | 31             | 7.0                 |
| 9/9/22  | 16:00 | 1.30                 | 139             | 180          | 15            | 7.4         | 33             | 5.6                 |
| 9/10/22 | 15:00 | 1.30                 | 143             | 186          | 15            | 7.4         | 33             | 5.5                 |
| 9/11/22 | 19:45 | 1.30                 | 108             | 141          | 16            | 7.4         | 31             | 7.2                 |
| 9/12/22 | 9:45  | 1.20                 | 143             | 172          | 14            | 7.4         | 35             | 5.5                 |
| 9/13/22 | 19:45 | 1.20                 | 132             | 158          | 13            | 7.4         | 37             | 5.9                 |
| 9/14/22 | 18:00 | 1.30                 | 121             | 157          | 13            | 7.4         | 37             | 6.5                 |
| 9/15/22 | 19:00 | 1.30                 | 154             | 200          | 13            | 7.4         | 37             | 5.1                 |
| 9/16/22 | 14:00 | 1.30                 | 117             | 152          | 13            | 7.5         | 39             | 6.7                 |
| 9/17/22 | 17:20 | 1.20                 | 114             | 136          | 12            | 7.4         | 40             | 6.9                 |
| 9/18/22 | 14:20 | 1.20                 | 101             | 121          | 12            | 7.5         | 41             | 7.7                 |
| 9/19/22 | 17:45 | 1.20                 | 150             | 179          | 12            | 7.4         | 40             | 5.2                 |
| 9/20/22 | 17:00 | 1.20                 | 123             | 148          | 12            | 7.4         | 40             | 6.3                 |
| 9/21/22 | 15:00 | 1.30                 | 124             | 162          | 12            | 7.4         | 40             | 6.3                 |
| 9/22/22 | 14:00 | 1.30                 | 118             | 153          | 11            | 7.4         | 43             | 6.6                 |
| 9/23/22 | 11:00 | 1.30                 | 115             | 150          | 11            | 7.4         | 43             | 6.8                 |
| 9/24/22 | 18:00 | 1.30                 | 135             | 175          | 11            | 7.4         | 43             | 5.8                 |
| 9/25/22 | 15:30 | 1.30                 | 127             | 166          | 10            | 7.4         | 46             | 6.1                 |
| 9/26/22 | 15:00 | 1.20                 | 107             | 128          | 11            | 7.4         | 42             | 7.3                 |
| 9/27/22 | 18:30 | 1.30                 | 135             | 176          | 12            | 7.4         | 40             | 5.8                 |
| 9/28/22 | 16:00 | 1.20                 | 138             | 166          | 12            | 7.4         | 40             | 5.7                 |
| 9/29/22 | 11:45 | 1.20                 | 143             | 172          | 12            | 7.4         | 40             | 5.5                 |
| 9/30/22 | 14:00 | 1.30                 | 139             | 181          | 12            | 7.5         | 42             | 5.6                 |
|         |       |                      |                 |              |               |             | -              |                     |