



**BRACEWELL ENGINEERING, INC.**

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June 10, 2022

Mr. Eric Lacy  
State Water Resources Control Board-Division of Drinking Water  
850 Marina Bay Parkway, Building P, 2nd Floor  
Richmond, CA 94804

Re: May 2022 Monthly Report to the Office of Drinking Water  
La Honda Water System (County Service Area No. 7), No. W4100509

Dear Mr. Lacy:

Attached are the Monthly Summary of Distribution System Coliform Monitoring and the Monthly Summary of Monitoring for Surface Water Treatment Regulations, and the Coliform Reporting Form for the La Honda Water System. The monthly distribution system treated water bacteriological sample showed an absence of total coliforms and E. coli.

Chlorine residuals were maintained as required and turbidity levels did not exceed 0.3 NTU when treating water for domestic use. The minimum disinfection CT ratio was 1.6 for a DDW required 1-log removal for Giardia. The treated water was monitored for aluminum and iron and the results were below their respective MCLs.

Please do not hesitate to contact me if you have any questions.

Respectfully submitted,  
BRACEWELL ENGINEERING, INC.

Lloyd W. Bracewell, PhD., RCE  
Water System Engineer

cc: San Mateo County, CSA #7  
BEI Office

WATER SYSTEM MONITORING REPORT

La Honda Water System (CSA No. 7)  
 555 County Center, 5th Floor  
 Redwood City, CA 94063  
 System No. 4100509

Water Resources Control Board  
 Division of Drinking Water  
 850 Marina Bay Parkway, Bldg P  
 Richmond, CA 98804

| Station:<br>Test:<br>Units:<br>Type:<br>Frequency:<br>Date | Finish Wtr<br>FLOW<br>gal/day<br>calculated<br>daily | Finish Wtr<br>TEMP<br>deg C<br>grab<br>weekly | Finish Wtr<br>PH<br>std units<br>grab<br>weekly | Finish Wtr<br>CL2 RESID<br>mg/L<br>continuous<br>daily | ContctPipe<br>CT VALUE<br>min-mg/L<br>calculated<br>daily | Finish Wtr<br>CT REQUIRD<br>min-mg/L<br>calculated<br>daily | ContctPipe<br>CT RATIO<br>ratio<br>calculated<br>daily | Finish Wtr<br>TURBIDITY<br>NTU<br>continuous<br>daily | Raw Water<br>TURBIDITY<br>NTU<br>continuous<br>daily | Finish Wtr<br>TRB/PH/CL2<br>initials<br>calib check<br>weekly |
|--|--|---|---|--|---|---|--|---|--|---|
| 05/01/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/02/22   | 33133  | 13.5  | 7.85  | 1.73   | 48.73   | 21.7  | 2.2  | 0.05  | 4.13   | KB  |
| 05/03/22   | 33133  | 13.5  | 7.63  | 1.68   | 47.32   | 20.1  | 2.4  | 0.05  | 1.48   |   |
| 05/04/22   | 33133  | 13.6  | 7.85  | 1.60   | 45.07   | 21.3  | 2.1  | 0.05  | 1.18   |   |
| 05/05/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/06/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/07/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/08/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/09/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/10/22   | 53500  | 12.0  | 7.79  | 1.80   | 50.70   | 23.8  | 2.1  | 0.04  | 1.75   |   |
| 05/11/22   | 25400  | 12.0  | 7.79  | 1.70   | 47.88   | 23.6  | 2.0  | 0.04  | 1.51   | KB  |
| 05/12/22   | 25400  | 12.0  | 7.75  | 2.04   | 57.46   | 23.9  | 2.4  | 0.04  | 1.87   |   |
| 05/13/22   | 42900  | 12.0  | 7.69  | 1.50   | 42.25   | 22.3  | 1.9  | 0.04  | 1.64   |   |
| 05/14/22   | 42900  | 12.0  | 7.86  | 1.31   | 36.90   | 23.2  | 1.6  | 0.04  | 1.40   |   |
| 05/15/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/16/22   | 0  |   |   |  |   |   |  |   |  | KB  |
| 05/17/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/18/22   | 32600  | 14.0  | 7.85  | 1.52   | 42.81   | 20.6  | 2.1  | 0.05  | 2.36   |   |
| 05/19/22   | 32600  | 14.0  | 8.53  | 1.45   | 40.84   | 25.6  | 1.6  | 0.05  | 1.62   |   |
| 05/20/22   | 32600  | 14.0  | 8.50  | 2.20   | 61.97   | 27.0  | 2.3  | 0.05  | 0.70   |   |
| 05/21/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/22/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/23/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/24/22   | 42200  | 15.1  | 8.45  | 2.23   | 62.81   | 24.6  | 2.6  | 0.04  | 2.62   | KB  |
| 05/25/22   | 38500  | 15.1  | 8.55  | 2.15   | 60.56   | 25.3  | 2.4  | 0.04  | 2.44   |   |
| 05/26/22   | 38500  | 15.1  | 8.56  | 1.53   | 43.09   | 24.1  | 1.8  | 0.04  | 1.95   |   |
| 05/27/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/28/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/29/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/30/22   | 0  |   |   |  |   |   |  |   |  |   |
| 05/31/22   | 45200  | 15.3  | 8.08  | 1.99   | 56.05   | 21.2  | 2.6  | 0.05  | 9.88   | KB  |
| Average:   | 17797  | 13.5  | 8.05  | 1.76   | 49.63   | 23.2  | 2.1  | 0.04  | 2.44   |   |
| High:  | 53500  | 15.3  | 8.56  | 2.23   | 62.81   | 27.0  | 2.6  | 0.05  | 9.88   |   |
| Low:   | 0  | 12.0  | 7.63  | 1.31   | 36.90   | 20.1  | 1.6  | 0.04  | 0.70   |   |
| Total:   | 551699   |   |   |  |   |   |  |   |  |   |
| Method:  |  | SM2550B                                       | SM4500-H+ B                                     | SM4500-C1 G  |   |   |  | SM2130B   | SM2130B  |   |
| Limit1:  |  |   |   | mn d >= 0.20   |   |   | mn d >= 1.0  | mx d <= 0.3   |  |   |
| Over/Total:  |  |   |   | 0/15   |   |   | 0/15   | 0/15  |  |   |

WATER SYSTEM MONITORING REPORT

La Honda Water System (CSA No. 7)  
 555 County Center, 5th Floor  
 Redwood City, CA 94063  
 System No. 4100509

Water Resources Control Board  
 Division of Drinking Water  
 850 Marina Bay Parkway, Bldg P  
 Richmond, CA 98804

| Station:    | Raw Water   | Raw Water   | Raw Water   | APN 240070  | APN 240070  | APN 240070  | APN 240070   | 01dC12Sta   | 01dC12Sta   | 01dC12Sta   | 01dC12Sta    |
|-------------|-------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|-------------|--------------|
| Test:       | SAMPL TYPE  | COLIFORM    | E. COLI     | SAMPL TYPE  | COLIFORM    | E. COLI     | CL2 RESID    | SAMPL TYPE  | COLIFORM    | E. COLI     | CL2 RESID    |
| Units:      | TYPE        | MPN/100mL   | MPN/100mL   | TYPE        | pres./abs.  | pres./abs.  | mg/L         | TYPE        | pres./abs.  | pres./abs.  | mg/L         |
| Type:       | observation | grab        | grab        | observation | grab        | grab        | grab         | observation | grab        | grab        | grab         |
| Frequency:  | as needed   | monthly     | monthly     | Mar/May/Oct | Mar/May/Oct | Mar/May/Oct | Mar/May/Oct  | Apr/Jun/Nov | Apr/Jun/Nov | Apr/Jun/Nov | Apr/Jun/Nov  |
| Date        |             |             |             |             |             |             |              | due 06/22   | due 06/22   | due 06/22   | due 06/22    |
| 05/01/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/02/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/03/22    | Other       | 43.7        | 7.5         | Routine     | Absence     | Absence     | 0.88         |             |             |             |              |
| 05/04/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/05/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/06/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/07/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/08/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/09/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/10/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/11/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/12/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/13/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/14/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/15/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/16/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/17/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/18/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/19/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/20/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/21/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/22/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/23/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/24/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/25/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/26/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/27/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/28/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/29/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/30/22    |             |             |             |             |             |             |              |             |             |             |              |
| 05/31/22    |             |             |             |             |             |             |              |             |             |             |              |
| Average:    |             | 43.7        | 7.5         |             | 0           | 0           | 0.88         |             |             |             |              |
| High:       |             | 43.7        | 7.5         |             | 0           | 0           | 0.88         |             |             |             |              |
| Low:        |             | 43.7        | 7.5         |             | 0           | 0           | 0.88         |             |             |             |              |
| DL/RL:      |             | 1.0/1.0     | 1.0/1.0     |             |             |             |              |             |             |             |              |
| Method:     |             | SM9223 B-18 | SM9223 B-18 |             | SM9223B-18  | SM9223B-18  | SM4500-C1 G  |             | SM9223B-18  | SM9223B-18  | SM4500-C1 G  |
| Limit1:     |             |             |             |             | mx d < 1    | mx d < 1    | mn d >= 0.05 |             | mx d < 1    | mx d < 1    | mn d >= 0.05 |
| Over/Total: |             |             |             |             | 0/1         | 0/1         | 0/1          |             | 0/0         | 0/0         | 0/0          |

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Water Resources Control Board  
 Division of Drinking Water  
 850 Marina Bay Parkway, Bldg P  
 Richmond, CA 98804

| Station:    | 251 PescCr  | 251 PescCr | 251 PescCr  | 251 PescCr   | 460 Pescdr  | 460 Pescdr | 460 Pescdr  | 460 Pescdr   | Raw Water   | TreatedWtr |
|-------------|-------------|------------|-------------|--------------|-------------|------------|-------------|--------------|-------------|------------|
| Test:       | SAMPL TYPE  | COLIFORM   | E. COLI     | CL2 RESID    | SAMPL TYPE  | COLIFORM   | E. COLI     | CL2 RESID    | ALUMINUM    | ALUMINUM   |
| Units:      | TYPE        | pres./abs. | pres./abs.  | mg/L         | TYPE        | pres./abs. | pres./abs.  | mg/L         | ug/L        | ug/L       |
| Type:       | observation | grab       | grab        | grab         | observation | grab       | grab        | grab         | grab        | grab       |
| Frequency:  | Jul/Dec     | Jul/Dec    | Jul/Dec     | Jul/Dec      | Jan/Aug     | Jan/Aug    | Jan/Aug     | Jan/Aug      | every 12 mo | every 3 mo |
| Date        |             |            |             |              |             |            |             |              |             |            |
| 05/01/22    | due 07/22   | due 07/22  | due 07/22   | due 07/22    | due 08/22   | due 08/22  | due 08/22   | due 08/22    | due 07/22   |            |
| 05/02/22    |             |            |             |              |             |            |             |              |             |            |
| 05/03/22    |             |            |             |              |             |            |             |              |             | 19         |
| 05/04/22    |             |            |             |              |             |            |             |              |             |            |
| 05/05/22    |             |            |             |              |             |            |             |              |             |            |
| 05/06/22    |             |            |             |              |             |            |             |              |             |            |
| 05/07/22    |             |            |             |              |             |            |             |              |             |            |
| 05/08/22    |             |            |             |              |             |            |             |              |             |            |
| 05/09/22    |             |            |             |              |             |            |             |              |             |            |
| 05/10/22    |             |            |             |              |             |            |             |              |             |            |
| 05/11/22    |             |            |             |              |             |            |             |              |             |            |
| 05/12/22    |             |            |             |              |             |            |             |              |             |            |
| 05/13/22    |             |            |             |              |             |            |             |              |             |            |
| 05/14/22    |             |            |             |              |             |            |             |              |             |            |
| 05/15/22    |             |            |             |              |             |            |             |              |             |            |
| 05/16/22    |             |            |             |              |             |            |             |              |             |            |
| 05/17/22    |             |            |             |              |             |            |             |              |             |            |
| 05/18/22    |             |            |             |              |             |            |             |              |             |            |
| 05/19/22    |             |            |             |              |             |            |             |              |             |            |
| 05/20/22    |             |            |             |              |             |            |             |              |             |            |
| 05/21/22    |             |            |             |              |             |            |             |              |             |            |
| 05/22/22    |             |            |             |              |             |            |             |              |             |            |
| 05/23/22    |             |            |             |              |             |            |             |              |             |            |
| 05/24/22    |             |            |             |              |             |            |             |              |             |            |
| 05/25/22    |             |            |             |              |             |            |             |              |             |            |
| 05/26/22    |             |            |             |              |             |            |             |              |             |            |
| 05/27/22    |             |            |             |              |             |            |             |              |             |            |
| 05/28/22    |             |            |             |              |             |            |             |              |             |            |
| 05/29/22    |             |            |             |              |             |            |             |              |             |            |
| 05/30/22    |             |            |             |              |             |            |             |              |             |            |
| 05/31/22    |             |            |             |              |             |            |             |              |             |            |
| Average:    |             |            |             |              |             |            |             |              |             | 19         |
| High:       |             |            |             |              |             |            |             |              |             | 19         |
| Low:        |             |            |             |              |             |            |             |              |             | 19         |
| DL/RL:      |             |            |             |              |             |            |             |              |             | 5/15       |
| Method:     | SM9223B-18  | SM9223B-18 | SM4500-C1 G |              | SM9223B-18  | SM9223B-18 | SM4500-C1 G | EPA 200.8    | 10/5        | EPA 200.8  |
| Limit1:     |             | mx d < 1   | mx d < 1    | mn d >= 0.05 |             | mx d < 1   | mx d < 1    | mn d >= 0.05 |             |            |
| Over/Total: |             | 0/0        | 0/0         | 0/0          |             | 0/0        | 0/0         | 0/0          |             |            |

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|            |             |            |            |           |             |            |            |           |
|------------|-------------|------------|------------|-----------|-------------|------------|------------|-----------|
| Station:   | 400 Ranch   | 400 Ranch  | 400 Ranch  | 400 Ranch | LaHondaRd   | LaHondaRd  | LaHondaRd  | LaHondaRd |
| Test:      | SAMPL TYPE  | COLIFORM   | E. COLI    | CL2 RESID | SAMPL TYPE  | COLIFORM   | E. COLI    | CL2 RESID |
| Units:     | TYPE        | pres./abs. | pres./abs. | mg/L      | TYPE        | pres./abs. | pres./abs. | mg/L      |
| Type:      | observation | grab       | grab       | grab      | observation | grab       | grab       | grab      |
| Frequency: | Feb/Sep     | Feb/Sep    | Feb/Sep    | Feb/Sep   | as needed   | as needed  | as needed  | as needed |

|          |           |           |           |           |
|----------|-----------|-----------|-----------|-----------|
| Date     |           |           |           |           |
| 05/01/22 | due 09/22 | due 09/22 | due 09/22 | due 09/22 |
| 05/02/22 |           |           |           |           |
| 05/03/22 |           |           |           |           |
| 05/04/22 |           |           |           |           |
| 05/05/22 |           |           |           |           |
| 05/06/22 |           |           |           |           |
| 05/07/22 |           |           |           |           |
| 05/08/22 |           |           |           |           |
| 05/09/22 |           |           |           |           |
| 05/10/22 |           |           |           |           |
| 05/11/22 |           |           |           |           |
| 05/12/22 |           |           |           |           |
| 05/13/22 |           |           |           |           |
| 05/14/22 |           |           |           |           |
| 05/15/22 |           |           |           |           |
| 05/16/22 |           |           |           |           |
| 05/17/22 |           |           |           |           |
| 05/18/22 |           |           |           |           |
| 05/19/22 |           |           |           |           |
| 05/20/22 |           |           |           |           |
| 05/21/22 |           |           |           |           |
| 05/22/22 |           |           |           |           |
| 05/23/22 |           |           |           |           |
| 05/24/22 |           |           |           |           |
| 05/25/22 |           |           |           |           |
| 05/26/22 |           |           |           |           |
| 05/27/22 |           |           |           |           |
| 05/28/22 |           |           |           |           |
| 05/29/22 |           |           |           |           |
| 05/30/22 |           |           |           |           |
| 05/31/22 |           |           |           |           |

Average:  
 High:  
 Low:

|             |            |            |              |            |            |              |
|-------------|------------|------------|--------------|------------|------------|--------------|
| Method:     | SM9223B-18 | SM9223B-18 | SM4500-C1 G  | SM9223B-18 | SM9223B-18 | SM4500-C1 G  |
| Limit1:     | mx d < 1   | mx d < 1   | mn d >= 0.05 | mx d < 1   | mx d < 1   | mn d >= 0.05 |
| Over/Total: | 0/0        | 0/0        | 0/0          | 0/0        | 0/0        | 0/0          |

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| Station:    | LHW OPERATOR | LHW ACTIONS | Raw Water PH | Raw Water ALKALINITY | Raw Water IRON | TreatedWtr IRON | Raw Water NITRATE-N |
|-------------|--------------|-------------|--------------|----------------------|----------------|-----------------|---------------------|
| Test:       | units        | comments    | std units    | mg/L-CaCO3           | ug/L           | ug/L            | mg/L                |
| Units:      | observation  | observation | grab         | grab                 | grab           | grab            | grab                |
| Type:       | as needed    | as needed   | weekly       | as needed            | every 3 mo     | every 3 mo      | every 3 mo          |
| Frequency:  |              |             |              |                      |                |                 |                     |
| Date        |              |             |              |                      |                |                 |                     |
| 05/01/22    |              |             |              |                      |                |                 | due 07/22           |
| 05/02/22    | KB           |             | 8.28         |                      |                |                 |                     |
| 05/03/22    |              |             |              |                      | 70             | 16              |                     |
| 05/04/22    |              |             |              |                      |                |                 |                     |
| 05/05/22    |              |             |              |                      |                |                 |                     |
| 05/06/22    |              |             |              |                      |                |                 |                     |
| 05/07/22    |              |             |              |                      |                |                 |                     |
| 05/08/22    |              |             |              |                      |                |                 |                     |
| 05/09/22    |              |             |              |                      |                |                 |                     |
| 05/10/22    |              |             |              |                      |                |                 |                     |
| 05/11/22    | KB           |             | 8.40         |                      |                |                 |                     |
| 05/12/22    |              |             |              |                      |                |                 |                     |
| 05/13/22    |              |             |              |                      |                |                 |                     |
| 05/14/22    |              |             |              |                      |                |                 |                     |
| 05/15/22    |              |             |              |                      |                |                 |                     |
| 05/16/22    | KB           |             | 8.20         |                      |                |                 |                     |
| 05/17/22    |              |             |              |                      |                |                 |                     |
| 05/18/22    |              |             |              |                      |                |                 |                     |
| 05/19/22    |              |             |              |                      |                |                 |                     |
| 05/20/22    |              |             |              |                      |                |                 |                     |
| 05/21/22    |              |             |              |                      |                |                 |                     |
| 05/22/22    |              |             |              |                      |                |                 |                     |
| 05/23/22    |              |             |              |                      |                |                 |                     |
| 05/24/22    | KB           |             | 8.32         |                      |                |                 |                     |
| 05/25/22    |              |             |              |                      |                |                 |                     |
| 05/26/22    |              |             |              |                      |                |                 |                     |
| 05/27/22    |              |             |              |                      |                |                 |                     |
| 05/28/22    |              |             |              |                      |                |                 |                     |
| 05/29/22    |              |             |              |                      |                |                 |                     |
| 05/30/22    |              |             |              |                      |                |                 |                     |
| 05/31/22    | KB           |             | 8.34         |                      |                |                 |                     |
| Average:    |              |             | 8.31         |                      | 70             | 16              |                     |
| High:       |              |             | 8.40         |                      | 70             | 16              |                     |
| Low:        |              |             | 8.20         |                      | 70             | 16              |                     |
| DL/RL:      |              |             |              | 3/2                  | 10/30          | 10/30           | 0.030/0.40          |
| Method:     |              |             | SM4500-H+ B  | SM2320 B             | EPA 200.7      | EPA 200.7       | SM4500-N03 D        |
| Limit1:     |              |             |              |                      |                |                 | mx d <= 10          |
| Over/Total: |              |             |              |                      |                |                 | 0/0                 |



## Monthly Summary of Monitoring For Surface Water Treatment Regulations

System Name: La Honda Water System (CSA #7)

System Number: 4100509

Treatment Plant Name: La Honda Water System (CSA #7)

Month: May Year: 2022

Treated Water Turbidities Every Four Hours (NTU)\*

| Date | Peak Raw Water Turbidity | Peak Settled Water Turbidity | Midnight to 0400 | 0400 to 0800 | 0800 to Noon | Noon to 1600 | 1600 to 2000 | 2000 to Midnight | Average Treated Water | Minimum Ct. Ratio |
|------|--------------------------|------------------------------|------------------|--------------|--------------|--------------|--------------|------------------|-----------------------|-------------------|
| 1    |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 2    | 4.13                     |                              |                  |              |              | 0.06         | 0.05         | 0.05             | 0.05                  | 2.2               |
| 3    | 1.48                     |                              | 0.05             | 0.04         | 0.04         | 0.05         | 0.04         | 0.05             | 0.05                  | 2.4               |
| 4    | 1.18                     |                              | 0.05             | 0.04         | 0.05         |              |              |                  | 0.05                  | 2.1               |
| 5    |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 6    |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 7    |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 8    |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 9    |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 10   | 1.75                     |                              |                  |              |              | 0.04         | 0.04         | 0.05             | 0.04                  | 2.1               |
| 11   | 1.51                     |                              | 0.04             | 0.04         | 0.05         |              |              |                  | 0.04                  | 2.0               |
| 12   | 1.87                     |                              |                  |              |              | 0.04         | 0.05         | 0.04             | 0.04                  | 2.4               |
| 13   | 1.64                     |                              | 0.05             | 0.04         | 0.04         | 0.04         | 0.04         | 0.04             | 0.04                  | 1.9               |
| 14   | 1.40                     |                              | 0.04             | 0.04         | 0.04         | 0.05         | 0.04         | 0.04             | 0.04                  | 1.6               |
| 15   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 16   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 17   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 18   | 2.36                     |                              |                  |              | 0.05         | 0.05         | 0.04         | 0.04             | 0.05                  | 2.1               |
| 19   | 1.62                     |                              | 0.05             | 0.04         | 0.05         | 0.05         | 0.04         | 0.04             | 0.05                  | 1.6               |
| 20   | 0.70                     |                              | 0.05             | 0.04         |              |              |              |                  | 0.05                  | 2.3               |
| 21   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 22   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 23   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 24   | 2.62                     |                              |                  |              |              | 0.05         | 0.04         | 0.04             | 0.04                  | 2.6               |
| 25   | 2.44                     |                              | 0.04             | 0.04         | 0.04         | 0.04         | 0.04         | 0.04             | 0.04                  | 2.4               |
| 26   | 1.95                     |                              | 0.04             | 0.04         | 0.04         | 0.04         | 0.04         | 0.04             | 0.04                  | 1.8               |
| 27   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 28   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 29   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 30   |                          |                              |                  |              |              |              |              |                  |                       |                   |
| 31   | 9.88                     |                              |                  |              |              | 0.05         | 0.05         | 0.05             | 0.05                  | 2.6               |
| Ave. | 2.44                     |                              |                  |              |              |              |              |                  | 0.04                  |                   |

\*If a continuous monitoring turbidimeter is used, determine discrete turbidity value for the same times during each 24-hour period

Total No. of Samples: 63 No. of Readings ≤ 0.3 NTU: 63

% Readings ≤ 0.3 NTU = [(No. Readings ≤ 0.3 NTU) / (Total No. Samples)] x 100 = 100%

Meets Standard (i.e. more than 95% of readings are ≤ 0.3 NTU) (Y/N)? Y

Percent reduction during the month =  $\frac{(\text{Average Raw NTU} - \text{Average Effluent NTU})}{(\text{Average Raw NTU})} \times 100 =$  98%

Meets Standard (i.e. reduction is greater than 80%) (Y/N)? Y

95th Percentile Value of all turbidity readings (95% of all turbidity readings are less than this value): 0.050



Incidents of turbidity greater than 1.0 NTU

|                  |  |  |  |  |
|------------------|--|--|--|--|
| Date of Incident |  |  |  |  |
| Value            |  |  |  |  |
| Duration         |  |  |  |  |

Total Number of incidents where turbidity is > 1.0 NTU: 0  
 Total Number of incidents where turbidity is > 5.0 NTU: 0  
 Meets Standards (i.e. NTU is not > 1.0 for more than eight consecutive hours) (Y/N)? Y

After placing a filter back into service after any interruption (e.g. backwashing), did the filter effluent comply with the following criteria:

- a. < 2.0 NTU after all events (Y/N)? Y
- b. < 1.0 NTU after 90% of events (Y/N)? Y
- c. < 0.5 NTU after 4 hours (Y/N)? Y

Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated

| Date       | Which Turbidimeter | Standard used (primary/secondary) | Date       | Which Turbidimeter | Standard Used (primary/secondary) |
|------------|--------------------|-----------------------------------|------------|--------------------|-----------------------------------|
| 7/15/2019  | Hach, raw wtr      | 0/20 Formazin                     | 7/15/2019  | Hach, treated      | 0/20 Formazin                     |
| 10/17/2019 | Hach, raw wtr      | 0/20 Formazin                     | 10/17/2019 | Hach, treated      | 0/20 Formazin                     |
| 4/3/2020   | Hach, raw wtr      | 0/20 Formazin                     | 4/3/2020   | Hach, treated      | 0/20 Formazin                     |
| 7/2/2020   | Hach, raw wtr      | 0/20 Formazin                     | 7/2/2020   | Hach, treated      | 0/20 Formazin                     |
| 10/28/2020 | Hach, raw wtr      | 0/20 Formazin                     | 10/28/2020 | Hach, treated      | 0/20 Formazin                     |
| 1/29/2021  | Hach, raw wtr      | 0/20 Formazin                     | 1/29/2021  | Hach, treated      | 0/20 Formazin                     |
| 4/22/2021  | Hach, raw wtr      | 0/20 Formazin                     | 4/22/2021  | Hach, treated      | 0/20 Formazin                     |
| 7/28/2021  | Hach, raw wtr      | 0/20 Formazin                     | 7/28/2021  | Hach, treated      | 0/20 Formazin                     |
| 10/27/2021 | Hach, raw wtr      | 0/20 Formazin                     | 10/27/2021 | Hach, treated      | 0/20 Formazin                     |
| 1/28/2022  | Hach, raw wtr      | 0/20 Formazin                     | 1/28/2022  | Hach, treated      | 0/20 Formazin                     |
| 4/28/2022  | Hach, raw wtr      | 0/20 Formazin                     | 4/28/2022  | Hach, treated      | 0/20 Formazin                     |

Disinfection Process Data

Disinfectant residual type: free chlorine: X combined chlorine: \_\_\_\_\_ other (specify) \_\_\_\_\_

Incidents of chlorine residuals less than 0.2 ppm at the plant effluent:

|                     |  |  |  |  |
|---------------------|--|--|--|--|
| Date of Incident    |  |  |  |  |
| Duration            |  |  |  |  |
| Date Dept. Notified |  |  |  |  |

Total number of incidents where residual is < 0.2 ppm: 0  
 Meets standard (i.e. not less than 0.2 ppm for more than four hours) (Y/N)? Y

|   |   |
|---|---|
| No. of distribution system residual samples collected:              | 1 |
| No of distribution system samples for HPC only:                     |   |
| Total No. residual and/or HPC samples collected:                    | 1 |
| No. of samples with no detectable residual and HPC is not measured: | 0 |
| No. of samples with no residual and HPC > 500 CFU/ml:               |   |
| No. of samples for HPC only and HPC > 500 CFU/ml:                   |   |
| Total No. Samples with no residual and/or HPC > 500 CFU/ml:         | 0 |

Compute V where  $V = [1 - (\text{Total number of samples with no residual and/or HPC} > 500) / (\text{Total number of residual and/or HPC samples collected})] \times 100 =$  100%

Meets Standard (i.e V > 95%) (Y/N) Y

## Summary of Water Quality Complaints

### General Complaints

| Type of Complaint | Number | Corrective Actions Taken |
|-------------------|--------|--------------------------|
| Taste/Odor        | 0      |                          |
| Color             | 0      |                          |
| Turbidity         | 0      |                          |
| Suspended Solids  | 0      |                          |
| Other (describe)  | 0      |                          |

### Reports of Gastrointestinal Illness (Attach additional sheets if necessary):

| Person Reporting | Date | Corrective Actions Taken |
|------------------|------|--------------------------|
|                  |      |                          |
|                  |      |                          |
|                  |      |                          |
|                  |      |                          |
|                  |      |                          |

Attach explanation of any failure of the performance standards or operating criteria and corrective action taken or planned

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Signature:

*Alfred W. Bascandall*

Date:

6/10/2022