

December 10, 2021

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

Re: November 2021 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 1.8 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

Hogel W Bracewell

Water System Engineer

cc: San Mateo County, CSA #7

**BEI Office** 

| Station:<br>Test:<br>Units:<br>Type:<br>Frequency:   | 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 |
|--|--|--|--|--|--|--|--|--|--|---|
| Date<br>11/01/21<br>11/02/21<br>11/03/21<br>11/04/21<br>11/05/21<br>11/06/21<br>11/07/21<br>11/08/21<br>11/10/21<br>11/10/21   | 32200<br>32200<br>44750<br>44750<br>23000<br>23000<br>23000<br>41100<br>41100<br>30700<br>24550<br>24550 | 14.9<br>14.9<br>14.3<br>14.3<br>14.3<br>14.3<br>14.3<br>14.3<br>14.3<br>16.0 | 7.52<br>8.08<br>7.98<br>7.94<br>7.54<br>7.43<br>7.46<br>7.61<br>7.64<br>7.64 | 1.97<br>2.03<br>1.54<br>1.50<br>1.42<br>2.01<br>1.40<br>2.31<br>1.97<br>1.89<br>1.03<br>1.29 | 55.49<br>57.18<br>43.38<br>42.25<br>40.00<br>56.61<br>39.43<br>65.06<br>55.49<br>53.23<br>29.01<br>36.33 | 17.9<br>21.8<br>21.1<br>20.8<br>17.9<br>18.1<br>17.4<br>19.8<br>19.5<br>17.2 | 3.1<br>2.6<br>2.1<br>2.0<br>2.2<br>3.1<br>2.3<br>3.3<br>2.8<br>3.1 | 0.05<br>0.05<br>0.05<br>0.04<br>0.04<br>0.04<br>0.04<br>0.04 | 0.95<br>0.93<br>0.79<br>1.03<br>0.70<br>0.61<br>0.60<br>0.57<br>1.72<br>0.58 | KB<br>KB  |
| 11/10/21<br>11/11/21<br>11/11/21<br>11/13/21<br>11/14/21<br>11/15/21<br>11/16/21<br>11/17/21<br>11/19/21<br>11/20/21<br>11/20/21<br>11/21/21<br>11/22/21<br>11/23/21<br>11/25/21<br>11/26/21<br>11/27/21<br>11/28/21<br>11/29/21<br>11/29/21<br>11/30/21 | 24550<br>0<br>26500<br>26500<br>24400<br>24400<br>0<br>0   | 16.0<br>16.0<br>16.0<br>16.0   | 7.51<br>7.89<br>7.83<br>7.47   | 1.29<br>1.69<br>2.02<br>1.87<br>2.11   | 36.33<br>47.60<br>56.90<br>52.67<br>59.43  | 14.8<br>16.2<br>19.0<br>18.4<br>16.5   | 2.5<br>2.9<br>3.0<br>2.9<br>3.6                                    | 0.05<br>0.05<br>0.05<br>0.04<br>0.04                         | 0.49<br>19.98<br>0.89<br>0.73  | КВ  |
| 11/22/21 11/23/21  | 26000  | 14.7   | 7.91   | 2.36   | 66.47  | 21.4   | 3.1  | 0.03   | 0.46   | KB  |
| 11/24/21   | 30200<br>0   | 15.9   | 7.92   | 2.08   | 58.59  | 19.4   | 3.0  | 0.04   | 0.87   |   |
| 11/26/21<br>11/27/21<br>11/28/21<br>11/29/21<br>11/30/21   | 33667<br>33667<br>33667<br>0<br>0  | 15.9<br>15.9<br>15.9   | 7.84<br>7.61<br>7.60   | 1.84<br>1.14<br>1.30   | 51.83<br>32.11<br>36.62  | 18.5<br>15.9<br>16.2   | 2.8<br>2.0<br>2.3  | 0.04<br>0.04<br>0.04   | 0.84<br>0.84<br>0.36   | КВ  |
| Average:<br>High:<br>Low:<br>Total:  | 21463<br>44750<br>0<br>643901  | 15.2<br>16.0<br>14.3   | 7.69<br>8.08<br>7.38   | 1.75<br>2.36<br>1.03   | 49.32<br>66.47<br>29.01  | 18.3<br>21.8<br>14.8   | 2.7<br>3.6<br>1.8  | 0.04<br>0.05<br>0.03   | 1.67<br>19.98<br>0.36  |   |
| Method:  |  | SM2550B  | SM4500-H+ B  | SM4500-C1 G  |  |  |  | SM2130B  | SM2130B  |   |
| Limit1:<br>Over/Total:   |  |  |  | $mn d \ge 0.20$ $0/21$   |  |  | mn $d \ge 1.0$<br>0/21   | $mx d \le 0.3$   |  |   |

| Station:<br>Test:<br>Units:<br>Type:<br>Frequency:<br>Date   | Raw Water<br>SAMPL TYPE<br>TYPE<br>observation<br>as needed | Raw Water<br>COLIFORM<br>MPN/100mL<br>grab<br>monthly | Raw Water<br>E. COLI<br>MPN/100mL<br>grab<br>monthly | APN 240070<br>SAMPL TYPE<br>TYPE<br>observation<br>Mar/May/Oct | APN 240070<br>COLIFORM<br>pres./abs.<br>grab<br>Mar/May/Oct | APN 240070<br>E. COLI<br>pres./abs.<br>grab<br>Mar/May/Oct | APN 240070<br>CL2 RESID<br>mg/L<br>grab<br>Mar/May/Oct | 01dC12Sta<br>SAMPL TYPE<br>TYPE<br>observation<br>Apr/Jun/Nov | OldCl2Sta<br>COLIFORM<br>pres./abs.<br>grab<br>Apr/Jun/Nov | OldCl2Sta<br>E. COLI<br>pres./abs.<br>grab<br>Apr/Jun/Nov | OldCl2Sta<br>CL2 RESID<br>mg/L<br>grab<br>Apr/Jun/Nov |
|--|---|---|--|--|---|--|--|---|--|---|---|
| 11/01/21<br>11/02/21<br>11/03/21<br>11/04/21<br>11/05/21<br>11/06/21<br>11/07/21<br>11/09/21<br>11/10/21<br>11/11/21<br>11/11/21<br>11/11/21<br>11/13/21<br>11/14/21<br>11/16/21<br>11/17/21<br>11/18/21<br>11/19/21<br>11/20/21<br>11/21/21<br>11/24/21<br>11/25/21<br>11/26/21<br>11/27/21<br>11/28/21<br>11/29/21<br>11/30/21 | Other   | 435.2   | 29.5   | due 03/22  | due 03/22   | due 03/22  | due 03/22  | Routine   | Absence  | Absence   | 1.30  |
| Average:<br>High:<br>Low:  |   | 435.2<br>435.2<br>435.2                               | 29.5<br>29.5<br>29.5                                 |  |   |  |  |   | 0<br>0<br>0  | 0<br>0<br>0   | 1.30<br>1.30<br>1.30                                  |
| DL/RL:<br>Method:  |   | 1.0/1.0<br>SM9223 B-18                                | 1.0/1.0<br>SM9223 B-18                               |  | SM9223B-18  | SM9223B-18   | SM4500-C1 G  |   | SM9223B-18   | SM9223B-18  | SM4500-C1 G   |
| Limit1:<br>Over/Total  | :   |   |  |  | $\max_{0/0} d < 1$  | $\max_{0/0} < 1$   | mn $d \ge 0.05$  |   | $\max_{0/1} d < 1$   | $\max_{0/1} d < 1$  | mn $d \ge 0.05$                                       |

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

| 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 |

due 02/22 due 02/22 due 02/22 due 02/22

Date 11/01/21 11/02/21 11/03/21 11/04/21 11/05/21 11/06/21 11/07/21 11/09/21 11/10/21 11/11/21 11/12/21 11/15/21 11/15/21 11/15/21 11/15/21 11/19/21 11/21/21 11/22/21 11/22/21 11/24/21 11/25/21 11/26/21 11/27/21 11/29/21 11/29/21

Average: High:

Low:

| Method: | SM9223B-18 | SM9223B-18 | SM4500-C1 G  |  |
|---------|------------|------------|--------------|--|
| limi+1. | mv d < 1   | mv d < 1   | mn d >= 0.05 |  |

Limitl: mx d < 1mn d >= 0.050/0 Over/Total: 0/0 0/0

SM9223B-18 SM9223B-18 SM4500-C1 G mx d < 1

0/0

mx d < 1mn d >= 0.050/0 0/0

| 0,000  | .100003  |  |  | u, <i>u</i> , 3000.  |   |  |  |
|--|--|--|--|--|---|--|--|
| Station:<br>Test:<br>Units:<br>Type:<br>Frequency:<br>Date                       | LHW<br>OPERATOR<br>units<br>observation<br>as needed | LHW<br>ACTIONS<br>comments<br>observation<br>as needed | Raw Water<br>PH<br>std units<br>grab<br>weekly | Raw Water<br>ALKALINITY<br>mg/L-CaCO3<br>grab<br>as needed | Raw Water<br>IRON<br>ug/L<br>grab<br>every 3 mo | TreatedWtr<br>IRON<br>ug/L<br>grab<br>every 3 mo | Raw Water<br>NITRATE-N<br>mg/L<br>grab<br>every 3 mo |
| 11/01/21<br>11/02/21<br>11/03/21<br>11/04/21                                     | КВ   |  |  |  | 64  | < 30   | due 01/22  |
| 11/05/21<br>11/06/21<br>11/07/21<br>11/08/21                                     | KB<br>KB   |  | 8.33   |  |   |  |  |
| 11/09/21<br>11/10/21<br>11/11/21<br>11/12/21<br>11/13/21                         |  |  |  |  |   |  |  |
| 11/14/21<br>11/15/21<br>11/16/21<br>11/17/21<br>11/18/21<br>11/19/21<br>11/20/21 | КВ   |  | 8.28   |  |   |  |  |
| 11/21/21<br>11/22/21<br>11/23/21<br>11/24/21<br>11/25/21<br>11/26/21             | KB   |  | 8.22   |  |   |  |  |
| 11/27/21<br>11/28/21<br>11/29/21<br>11/30/21                                     | КВ   |  | 8.24   |  |   |  |  |
| Average:<br>High:<br>Low:  |  |  | 8.27<br>8.33<br>8.22                           |  | 64<br>64<br>64                                  | < 30<br>< 30<br>< 30                             |  |
| DL/RL:<br>Method:  |  |  | SM4500-H+ B                                    | 3/2<br>SM2320B   | 10/30<br>EPA 200.7                              | 10/30<br>EPA 200.7                               | 0.030/0.40<br>SM4500-NO3 D                           |
| Limit1:<br>Over/Total:   |  |  |  |  |   |  | $mx d \le 10$  |

### State of California Water Resources Control Board Division of Drinking Water Coliform Reporting Form

Date of Report: 12/10/2021 System Name: La Honda Water System (CSA #7) System Number: 4100509

Laboratory: BEI Analytical Laboratory Elap No: 3019 Signature of Lab Director: World State and Signature of Lab Director:

Report Period from: 11/1/2021 to 11/30/2021 Sampler: Keefe Brennan Employed by: Bracewell Engineering, Inc.

| Collection<br>Date | Laboratory<br>Number | Bottle<br>Number | Site Name or Street Address | Sample<br>Type | Total<br>Coliform | E. Coli | Remarks            |
|--------------------|----------------------|------------------|-----------------------------|----------------|-------------------|---------|--------------------|
|                    | rumber               |                  |                             | 1 ypc          | Ì                 |         | GM 0222D 10        |
| 11/2/2021          |                      |                  | Old Chlorination Station    | 1              | A                 | A       | SM 9223B-18        |
| 11/2/2021          |                      |                  | Raw Water                   | 4              | 435.2             | 29.5    | SM 9223 B-18 (MPN) |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   |         |                    |
|                    |                      |                  |                             |                |                   | _       |                    |

1 = Routine P = Present

2 = Repeat A = Absent

3 = Replacement

4 = Other

# Monthly Summary of Monitoring For Surface Water Treatment Regulations

System Name: <u>La Honda Water System (CSA #7)</u> System Number: <u>4100509</u>

Treatment Plant Name: <u>La Honda Water System (CSA #7)</u> Month: November Year: 2021

Treated Water Turbidities Every Four Hours (NTU)\*

| Treated  | Water Turbidities  | •                     |                |            | 0000       | 3.7        | 1.600      | 2000       |                    | 3.61   |
|----------|--------------------|-----------------------|----------------|------------|------------|------------|------------|------------|--------------------|--|
|          | Peak Raw<br>Water  | Peak Settled<br>Water | Midnight<br>to | 0400       | 0800       | Noon<br>to | 1600<br>to | 2000<br>to | Average<br>Treated | Minimum<br>Ct.                                   |
| Date     | water<br>Turbidity | Turbidity             | 0400           | to<br>0800 | to<br>Noon | 1600       | 2000       | Midnight   | Water              | Ratio  |
| 1        | 0.95               | Turbidity             | 0.05           | 0000       | TVOOII     | 1000       | 0.05       | 0.05       | 0.05               | 3.1  |
| 2        | 0.93               |                       | 0.03           | 0.05       |            | 0.04       | 0.03       | 0.03       | 0.03               | 2.6  |
| 3        | 0.93               |                       | 0.04           | 0.03       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04               | 2.0  |
| 4        | 1.03               |                       | 0.04           | 0.04       | 0.04       | 0.03       | 0.04       | 0.04       | 0.04               | 2.0  |
| 5        | 0.70               |                       |                | 0.04       | 0.04       | 0.04       | 0.04       | 0.04       | 0.04               | 2.0  |
| 6        | 0.70               |                       | 0.03           | 0.04       | 0.04       | 0.04       | 0.04       | 0.03       | 0.04               | 3.1  |
| 7        | 0.60               |                       | 0.03           | 0.04       |            | 0.04       |            |            | 0.04               | 2.3  |
| -        |                    |                       |                |            |            |            | 0.05       | 0.02       |                    |  |
| 8<br>9   | 0.57               |                       |                |            |            | 0.04       | 0.05       | 0.03       | 0.04               | 3.3  |
|          | 1.72               |                       |                |            |            |            |            |            |                    | 2.8  |
| 10<br>11 | 0.58               |                       |                |            | 0.05       | 0.04       | 0.04       | 0.04       | 0.04               | 3.1  |
|          | 0.58               |                       | 0.04           | 0.07       | 0.05       | 0.04       | 0.04       | 0.04       | 0.04               | 1.8  |
| 12       | 0.57               |                       | 0.04           | 0.05       |            |            |            |            | 0.05               | 2.5  |
| 13       |                    |                       |                |            |            |            |            |            |                    |  |
| 14       | 0.40               |                       |                |            |            | 0.05       | 0.05       | 0.07       | 0.05               | 2.0  |
| 15       | 0.49               |                       |                |            |            | 0.05       | 0.05       | 0.05       | 0.05               | 2.9  |
| 16       | 19.98              |                       |                |            |            | 0.05       | 0.04       |            | 0.05               | 3.0  |
| 17       | 0.89               |                       |                |            | 0.04       | 0.04       |            |            | 0.04               | 2.9  |
| 18       | 0.73               |                       |                |            | 0.04       | 0.04       |            |            | 0.04               | 3.6  |
| 19       |                    |                       |                |            |            |            |            |            |                    |  |
| 20       |                    |                       |                |            |            |            |            |            |                    |  |
| 21       | 0.46               |                       |                |            |            |            | 0.02       | 0.02       | 0.02               | 2.1  |
| 22       | 0.46               |                       |                |            |            |            | 0.03       | 0.03       | 0.03               | 3.1  |
| 23       | 0.07               |                       |                |            |            | 0.04       | 0.02       | 0.02       | 0.02               | 2.0  |
| 24       | 0.87               |                       |                |            |            | 0.04       | 0.03       | 0.03       | 0.03               | 3.0  |
| 25       | 0.04               |                       |                |            | 0.04       | 0.04       | 0.02       | 0.02       | 0.04               | 2.0  |
| 26       | 0.84               |                       | 0.04           | 0.04       | 0.04       | 0.04       | 0.03       | 0.03       | 0.04               | 2.8  |
| 27       | 0.84               |                       | 0.04           | 0.04       | 0.04       | 0.04       | 0.03       | 0.03       | 0.04               | 2.0  |
| 28       | 0.36               |                       | 0.03           | 0.03       |            |            |            |            | 0.03               | 2.3  |
| 29       |                    |                       |                |            |            |            |            |            |                    | <del>                                     </del> |
| 30       |                    |                       |                |            |            |            |            |            |                    | -  |
| 31       |                    |                       |                |            |            |            |            |            | 0.04               |  |
| Ave.     | 1.67               |                       |                |            |            |            |            |            | 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: 59 No. of Readings ≤ 0.3 NTU:

% 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 = [(Average Raw NTU - Average Effluent NTU)] x 100 = 98%

(Average Raw NTU)

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

|                   | urbidity greater t | han 1.0 NTU                 |               |                 |                           |                             |
|-------------------|--------------------|-----------------------------|---------------|-----------------|---------------------------|-----------------------------|
| Date of Inci      | dent               |                             |               |                 |                           |                             |
| Value             |                    |                             |               |                 |                           |                             |
| Duration          |                    |                             |               |                 |                           |                             |
| Total Numb        | er of incidents    | where turbidity is > 1.0    | NTU:          |                 |                           | 0                           |
|                   |                    | where turbidity is $> 5.0$  |               |                 |                           | 0                           |
|                   |                    | Is (i.e. NTU is not $> 1.0$ |               | an eight consec | utive hours) (Y/N)?       | Y                           |
|                   |                    | `                           |               | C               | , , ,                     |                             |
| After placin      | g a filter back i  | nto service after any into  | erruption (e. | g. backwashing  | ), did the filter effluer | nt comply with the followir |
| criteria:         |                    |                             |               |                 |                           |                             |
|                   | ONTU after all     |                             |               |                 |                           | <u>Y</u>                    |
|                   |                    | % of events (Y/N)?          |               |                 |                           | Y                           |
| c. < 0.3          | 5 NTU after 4 h    | ours (Y/N)?                 |               |                 |                           | Y                           |
| Indicate the      | date that the tu   | rbidimeters that are used   | d for regulat | ory monitoring  | purposes were calibra     | ited                        |
|                   | Which              | Standard used               | Date          | Which           | Standard Used             |                             |
| Date              | Turbidimeter       | (primary/secondary)         | 2 410         | Turbidimeter    | (primary/secondary)       |                             |
| 5/17/2019         | Hach, raw wtr      | 0/20 Formazin               | 5/17/2019     | Hach, treated   | 0/20 Formazin             | 1                           |
| 7/15/2019         | Hach, raw wtr      | 0/20 Formazin               | 7/15/2019     | Hach, treated   | 0/20 Formazin             | 1                           |
| 10/17/2019        | Hach, raw wtr      | 0/20 Formazin               | 10/17/2019    | Hach, treated   | 0/20 Formazin             | 1                           |
| 4/3/2020          | Hach, raw wtr      |                             |               | •               |                           | 1                           |
|                   |                    | 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             |                             |
|                   |                    |                             |               |                 |                           |                             |
|                   |                    | 5.                          |               |                 |                           |                             |
|                   |                    | D19                         | sinfection    | Process Data    |                           |                             |
| Disinfectant      | residual type:     | free chlorine:              | X             | combined chlor  | rine:                     | other (specify)             |
| Incidents of      | chlorine residu    | als less than 0.2 ppm at    | the plant ef  | fluent:         |                           |                             |
| Date of Inci      |                    | aro 1000 man 0.2 ppm at     | are plant of  | iidoiit.        |                           |                             |
| Duration Duration | delit.             |                             |               |                 |                           |                             |
| Date Dept. 1      | Notified           |                             |               |                 |                           |                             |
|                   |                    |                             |               |                 |                           |                             |
|                   |                    | where residual is $< 0.2$ p |               |                 |                           | 0                           |
|                   | Meets standard     | (i.e. not less than 0.2 p   | pm for more   | than four hour  | s) (Y/N <u>)?</u>         | Y                           |
| No of distri      | hution system :    | esidual samples collecto    | 2d·           |                 |                           | 2                           |
|                   | •                  | amples for HPC only:        | Ju.           |                 |                           | <u> </u>                    |
|                   | •                  | PC samples collected:       |               |                 |                           | 2                           |
| No. of samp       |                    | 0                           |               |                 |                           |                             |
|                   |                    | dual and HPC > 500 CI       |               |                 |                           | -                           |
|                   |                    | ly and HPC > 500 CFU        |               |                 |                           |                             |
|                   |                    | residual and/or HPC > :     |               | l:              |                           | 0                           |
|                   |                    |                             |               |                 | •                         |                             |
| Compute V         | where $V = [1]$    | - (Total number of san      |               |                 |                           | 400~                        |
|                   |                    | (Total number of resi       | dual and/or   | HPC samples c   | ollected) $\int x 100 =$  | 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 performa | ince standards or operating crite | eria and corrective action taken or planned |
|---|-----------------------------------|---|
|   |                                   |   |
|   |                                   |   |
|   |                                   |   |
|   |                                   |   |

| Signature: | Llog V Bruse Il |  |
|------------|-----------------|--|
| Date:      | 12/10/2021      |  |
| Date:      | 12/10/2021      |  |