

July 10, 2023

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

Re: June 2023 Monthly Report to the Office of Drinking Water

La Honda Water System (County Service Area No. 7), No. CA4100509

Dear Mr. Lacy:

Attached are the monitoring report, the Coliform Reporting Form, and the Monthly Summary of Monitoring for Surface Water Treatment Regulations 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.
- The quarterly disinfection byproducts monitoring was completed and the TTHM running annual average of 66.5 ug/L was in compliance with its MCL of 80 ug/L and the HAA5 running annual average of 45.3 ug/L was in compliance with its MCL of 60 ug/L.
- The minimum Disinfection CT ratio was 2.9 for a DDW required 1- log removal for Giardia.

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

Respectfully submitted,

BRACEWELL ENGINEERING, INC.

Lloyd W. Bracewell, PhD., RCE

Most W Bracends

Water System Engineer

cc: San Mateo County, CSA #7

BEI Office

| Location | | | Plant On | Raw Water | Raw Water | Treated Water | Backwash |
|------------|----------|------|----------|-----------|-------------|---------------|-------------|
| Parameter | | | SW Plant | Tank | Flow | Average Flow | Flow |
| frequency | | | daily | daily | calculation | calculation | calculation |
| Units | | | Y/N | ft | gal/d | gal/d | gal/d |
| Type | | | | level | flow | | flow |
| High Limit | | | | | | | |
| Low Limit | | | | | | | |
| Date | Initials | Time | | | | | |
| 6/1/2023 | | | N | | 2,483 | - | 642 |
| 6/2/2023 | | | N | | 2,483 | • | 642 |
| 6/3/2023 | | | N | | 2,483 | - | 642 |
| 6/4/2023 | | | N | | 2,483 | - | 642 |
| 6/5/2023 | KB | 1430 | N | 14.46 | 2,483 | - | 642 |
| 6/6/2023 | | | Y | | 34,073 | 41,833 | 3,275 |
| 6/7/2023 | | | Υ | | 34,073 | 41,833 | 3,275 |
| 6/8/2023 | | | Υ | | 34,073 | 41,833 | 3,275 |
| 6/9/2023 | KB | 1000 | Y | 14.25 | 34,073 | 41,833 | 3,275 |
| 6/10/2023 | | | N | | 33,551 | - | 2,867 |
| 6/11/2023 | | | Υ | | 33,551 | 47,900 | 2,867 |
| 6/12/2023 | KB | 1430 | Y | 14.50 | 33,551 | 47,900 | 2,867 |
| 6/13/2023 | | | Υ | | 51,632 | 48,100 | 4,100 |
| 6/14/2023 | KB | 1015 | Υ | 13.26 | 51,632 | 48,100 | 4,100 |
| 6/15/2023 | | | N | | 3,327 | - | 611 |
| 6/16/2023 | | | N | | 3,327 | - | 611 |
| 6/17/2023 | | | N | | 3,327 | - | 611 |
| 6/18/2023 | | | N | | 3,327 | - | 611 |
| 6/19/2023 | | | N | | 3,327 | - | 611 |
| 6/20/2023 | | | N | | 3,327 | - | 611 |
| 6/21/2023 | | | N | | 3,327 | - | 611 |
| 6/22/2023 | | | N | | 3,327 | - | 611 |
| 6/23/2023 | KB | 1245 | Υ | 8.21 | 3,327 | 27,700 | 611 |
| 6/24/2023 | | | Υ | | 51,372 | 47,800 | 4,600 |
| 6/25/2023 | | | Υ | | 51,372 | 47,800 | 4,600 |
| 6/26/2023 | KB | 1030 | Υ | 14.50 | 51,372 | 47,800 | 4,600 |
| 6/27/2023 | | | Υ | | 19,174 | 39,775 | 1,844 |
| 6/28/2023 | | | Y | | 19,174 | 39,775 | 1,844 |
| 6/29/2023 | | | Υ | | 19,174 | 39,775 | 1,844 |
| 6/30/2023 | | | N | | 19,174 | - | 1,844 |
| Min | _ | 1000 | | 8.21 | 2,483 | _ | 611 |
| Vlax | _ | 1430 | - | 14.50 | 51,632 | 48,100 | 4,600 |
| Average | | 50 | | 13.20 | 20,446 | 21,659 | 1,993 |
| Total | | | | . 5.25 | 613,374 | 649,758 | 59,789 |

| Location | Inlet | Inlet | Inlet | Inlet | Air | Air | Filter Inlet | Contact Pipe |
|------------|--------|---------------|-----------|--------|-------|---------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|
| Parameter | рН | Max Turbidity | Turbidity | Temp. | Temp | Percip | Turbidity | рН | turbidity | CL2 Residual | рН | Turbidity |
| frequency | weekly | daily | weekly | weekly | daily | daily | weekly | daily | daily | daily | weekly | weekly |
| Units | units | ntu | ntu | С | С | % | ntu | units | ntu | mg/L | units | ntu |
| Туре | | Analyzer | Grab | Grab | | | Grab | Analyzer | Analyzer | Analyzer | Grab | Grab |
| High Limit | | • | | | | | | - | - | • | | |
| Low Limit | | | | | | | | | | | | |
| Date | | | | | | | | | | | | |
| 6/1/2023 | | | | | | | | | | | | |
| 6/2/2023 | | | | | | | | | | | | |
| 6/3/2023 | | | | | | | | | | | | |
| 6/4/2023 | | | | | | | | | | | | |
| 6/5/2023 | 8.42 | 0.837 | 0.92 | 14.1 | 17.6 | 0.31 | 2.51 | 8.1 | 0.221 | 1.42 | 8.2 | 0.28 |
| 6/6/2023 | | | | | | | | | | | | |
| 6/7/2023 | | | | | | | | | | | | |
| 6/8/2023 | | | | | | | | | | | | |
| 6/9/2023 | | 1.084 | | | 13 | 0.33 | | 7.5 | 0.043 | 1.91 | | |
| 6/10/2023 | | | | | | | | | | | | |
| 6/11/2023 | | | | | | | | | | | | |
| 6/12/2023 | 8.51 | 0.712 | 0.84 | 18.1 | 17.9 | 0.32 | 1.93 | 7.5 | 0.049 | 1.63 | 7.55 | 0.14 |
| 6/13/2023 | | | | | | | | | | | | |
| 6/14/2023 | | 0.657 | | | 13.6 | 0.34 | | 7.5 | 0.046 | 2.52 | | |
| 6/15/2023 | | | | | | | | | | | | |
| 6/16/2023 | | | | | | | | | | | | |
| 6/17/2023 | | | | | | | | | | | | |
| 6/18/2023 | | | | | | | | | | | | |
| 6/19/2023 | | | | | | | | | | | | |
| 6/20/2023 | | | | | | | | | | | | |
| 6/21/2023 | | | | | | | | | | | | |
| 6/22/2023 | | | | | | | | | | | | |
| 6/23/2023 | 8.55 | 1.675 | 1.61 | 17.4 | 12.9 | 0.39 | 0.43 | 7.9 | 0.066 | 1.13 | 7.75 | 0.11 |
| 6/24/2023 | | | | | | | | | | | | |
| 6/25/2023 | | | | | | | | | | | | |
| 6/26/2023 | 8.52 | 0.662 | 0.71 | 17.9 | 12.2 | 0.38 | 0.56 | 7.6 | 0.048 | 1.75 | 7.71 | 0.12 |
| 6/27/2023 | | | | | | | | | | | | |
| 6/28/2023 | | | | | | | | | | | | |
| 6/29/2023 | | | | | | | | | | | | |
| 6/30/2023 | | | | | | | | | | | | |
| | | | | | | · · · · · · · · · · · · · · · · · · · | | • | | | _ | |
| Min | 8.42 | 0.66 | 0.71 | 14.10 | 12.20 | 0.31 | 0.43 | 7.50 | 0.04 | 1.13 | 7.55 | 0.11 |
| Max | 8.55 | 1.68 | 1.61 | 18.10 | 17.90 | 0.39 | 2.51 | 8.10 | 0.22 | 2.52 | 8.20 | 0.28 |
| Average | 8.50 | 0.94 | 1.02 | 16.88 | 14.53 | 0.35 | 1.36 | 7.68 | 0.08 | 1.73 | 7.80 | 0.16 |
| Total | | | | | | | | | | | | |

La Honda Water System (CSA No. 7) 555 County Center, 5th Floor Redwood City, CA 94063 System No. CA4100509

| Location | Contact Pipe | Contact Pipe | |
|------------|--------------|--------------|--|
| Parameter | Temp | CL2 | |
| frequency | weekly | weekly | |
| Units | С | mg/L | |
| Type | Grab | Grab | |
| High Limit | | | |
| Low Limit | | | |
| Date | | | |
| 6/1/2023 | | | |
| 6/2/2023 | | | |
| 6/3/2023 | | | |
| 6/4/2023 | | | |
| 6/5/2023 | 13.8 | 1.1 | |
| 6/6/2023 | | | |
| 6/7/2023 | | | |
| 6/8/2023 | | | |
| 6/9/2023 | | | |
| 6/10/2023 | | | |
| 6/11/2023 | | | |
| 6/12/2023 | 16.7 | 1.78 | |
| 6/13/2023 | | | |
| 6/14/2023 | | | |
| 6/15/2023 | | | |
| 6/16/2023 | | | |
| 6/17/2023 | | | |
| 6/18/2023 | | | |
| 6/19/2023 | | | |
| 6/20/2023 | | | |
| 6/21/2023 | | | |
| 6/22/2023 | | | |
| 6/23/2023 | 16.5 | 0.76 | |
| 6/24/2023 | | | |
| 6/25/2023 | | | |
| | | | |

| Min | 13.80 | 0.76 |
|---------|-------|------|
| Max | 16.70 | 1.89 |
| Average | 15.90 | 1.38 |
| Total | | |

16.6

1.89

6/26/2023

6/27/2023 6/28/2023 6/29/2023 6/30/2023 WATER SYSTEM MONITORING REPORT

WATER SYSTEM MONITORING REPORT

| Location | | TW Storage Tank | TW Storage Tank | TW Storage Tank | TW Storage Tank |
|------------|----------------|-----------------|-----------------|-----------------|-----------------|
| Parameter | | Level | Temp | рН | cl2 residual |
| frequency | | weekly | weekly | weekly | weekly |
| units | | ft | С | Units | ppm |
| Туре | | Visual | | | |
| High Limit | | | 17.0 | 8.50 | 2.00 |
| Low Limit | | | 6.5 | 7.50 | 0.30 |
| Date | Oper. Initials | | | | |
| 6/1/2023 | KB | 16.3 | 17.3 | 8.26 | 1.09 |
| 6/2/2023 | | | | | |
| 6/3/2023 | | | | | |
| 6/4/2023 | | | | | |
| 6/5/2023 | | | | | |
| 6/6/2023 | | | | | |
| 6/7/2023 | | | | | |
| 6/8/2023 | KB | 14.9 | 17.7 | 7.9 | 0.98 |
| 6/9/2023 | | | | | |
| 6/10/2023 | | | | | |
| 6/11/2023 | | | | | |
| 6/12/2023 | | | | | |
| 6/13/2023 | | | | | |
| 6/14/2023 | KB | 22.9 | 16.4 | 8.11 | 0.59 |
| 6/15/2023 | | | | | |
| 6/16/2023 | | | | | |
| 6/17/2023 | | | | | |
| 6/18/2023 | | | | | |
| 6/19/2023 | | | | | |
| 6/20/2023 | | | | | |
| 6/21/2023 | | | | | |
| 6/22/2023 | | | | | |
| 6/23/2023 | KB | 17.5 | 15.7 | 8.4 | 0.5 |
| 6/24/2023 | | | | | |
| 6/25/2023 | | | | | |
| 6/26/2023 | | | | | |
| 6/27/2023 | | | | | |
| 6/28/2023 | | | | | |
| 6/29/2023 | | | | | |
| 6/30/2023 | KB | 27.9 | 17.8 | 8.43 | 0.76 |
| Min | - | 14.9 | 15.7 | 7.90 | 0.50 |
| Max | _ | 27.9 | 17.8 | 8.43 | 1.09 |
| Average | | 19.9 | 17.0 | 8.22 | 0.78 |
| Total | | | 11.0 | J.22 | 5.70 |

| Location | | Routine Sample Site |
|------------|----------------|---------------------|
| Parameter | | CI2 Residual |
| frequency | | as needed |
| units | | mg/L |
| Туре | | grab |
| High Limit | | |
| Low Limit | | |
| Date | Oper. Initials | |
| 6/1/2023 | KB | 0.73 |
| 6/2/2023 | | |
| 6/3/2023 | | |
| 6/4/2023 | | |
| 6/5/2023 | | |
| 6/6/2023 | | |
| 6/7/2023 | | |
| 6/8/2023 | KB | 0.84 |
| 6/9/2023 | | |
| 6/10/2023 | | |
| 6/11/2023 | | |
| 6/12/2023 | | |
| 6/13/2023 | KB | 0.92 |
| 6/14/2023 | | |
| 6/15/2023 | | |
| 6/16/2023 | | |
| 6/17/2023 | | |
| 6/18/2023 | | |
| 6/19/2023 | | |
| 6/20/2023 | | |
| 6/21/2023 | | |
| 6/22/2023 | | |
| 6/23/2023 | KB | 0.36 |
| 6/24/2023 | | |
| 6/25/2023 | | |
| 6/26/2023 | | |
| 6/27/2023 | | |
| 6/28/2023 | | |
| 6/29/2023 | | |
| 6/30/2023 | KB | 1.09 |

| Min | - | 0.36 |
|---------|---|------|
| Max | - | 1.09 |
| Average | | 0.79 |
| Total | | |

| June | | | | | | | | | | | r System (W4100509) |
|-------------------|---------------------------------------|----------------------|----------------------|-------------------|----------------------|----------------|------------------------|---------|------------|------|----------------------|
| CHLORINE RESIDUAL | SAMPLE POINT Old Chlorination Station | SAMPLE ID AA04577 | DATE 6/13/23 | RESULT 0.9 | UNIT mg/L | LIMIT | METHOD SM 4500-CI G | DL | RL 0.02 | TYPE | FREQUENCY LHW_BAC |
| COLIFORM MPN | SAMPLE POINT ALPINE CREEK - RAW | SAMPLE ID AA04576 | DATE 6/13/23 | RESULT 55.4 | UNIT MPN/100mL | LIMIT | METHOD SM9223B-18 | DL | RL 1.0 | TYPE | FREQUENCY LHW_BAC |
| COLIFORM PA | SAMPLE POINT Old Chlorination Station | SAMPLE ID AA04577 | DATE 6/13/23 | RESULT A | UNIT P/A | LIMIT | METHOD SM9223B-18 | DL | RL | TYPE | FREQUENCY LHW_BAC |
| E COLI MPN | SAMPLE POINT ALPINE CREEK - RAW | SAMPLE ID AA04576 | DATE 6/13/23 | RESULT 6.3 | UNIT MPN/100mL | LIMIT | METHOD SM9223B-18 | DL | RL 1.0 | TYPE | FREQUENCY LHW_BAC |
| E COLI PA | SAMPLE POINT Old Chlorination Station | SAMPLE ID AA04577 | DATE 6/13/23 | RESULT A | UNIT P/A | LIMIT | METHOD SM9223B-18 | DL | RL | TYPE | FREQUENCY LHW_BAC |
| HALO ACETI | SAMPLE POINT OLD CHLO* | SAMPLE ID AA04578 | DATE 6/13/23 | RESULT 32 | UNIT µg/L | LIMIT | METHOD EPA 552.2 | DL 2 | RL 1 | TYPE | FREQUENCY LHW_DBP |
| TTHM | SAMPLE POINT OLD CHLO* | SAMPLE ID AA04578 | DATE 6/13/23 | RESULT 40 | UNIT µg/L | LIMIT 80MAX | METHOD EPA 551.1 | DL | RL | TYPE | FREQUENCY LHW_DBP |
| UV254 | SAMPLE POINT | SAMPLE ID | DATE | RESULT | UNIT | LIMIT | METHOD | DL | RL | TYPE | FREQUENCY |
| | ALPINE CREEK - RAW | AA04496 | 6/2/23 | 0.126 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | ALPINE CREEK - RAW | AA04687 | 6/7/23 | 0.073 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | ALPINE CREEK - RAW | AA04712 | 6/13/23 | 0.084 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | ALPINE CREEK - RAW | AA04740 | 6/22/23 | 0.167 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | ALPINE CREEK - RAW | AA04764 | 6/27/23 HIGH 0.17 | 0.077 AVG 0.11 | Abs/Tran LOW 0.07 | | SM 5910B | | | | LHW_MISC |
| | TREATMENT PLANT - TREATED | AA04497 | 6/2/23 | 0.009 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | TREATMENT PLANT - TREATED | AA04688 | 6/7/23 | 0.036 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | TREATMENT PLANT - TREATED | AA04713 | 6/13/23 | 0.059 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | TREATMENT PLANT - TREATED | AA04741 | 6/22/23 | 0.040 | Abs/Tran | | SM 5910B | | | | LHW_MISC |
| | TREATMENT PLANT - TREATED | AA04765 | 6/27/23 | 0.042 | Abs/Tran | | SM 5910B | | | | LHW_MISC |

HIGH 0.06

AVG 0.04

LOW 0.01

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

Date of Report: 7/10/2023 System Name: La Honda Water System (CSA #7) System Number: CA4100509

Report Period from: 6/1/2023 to 6/30/2023 Sampler: Keefe Brennan Employed by: Bracewell Engineering, Inc.

| Collection Date | Laboratory Number | Bottle Number | Site Name or Street Address | Sample Type | Total Coliform | E. Coli | Remarks |
|--------------------|----------------------|------------------|-----------------------------|----------------|-------------------|---------|--------------------|
| 6/13/2023 | | | Old Chlorination Station | 1 | A | A | SM 9223B-18 |
| 6/13/2023 | | | Raw Water | 4 | 55.4 | 6.3 | SM 9223 B-18 (MPN) |
| | | | | | | | |
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| 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: June Year: 2023

Treated Water Turbidities Every Four Hours (NTU)*

| | Peak Raw | Peak Settled | Midnight | 0400 | 0800 | Noon | 1600 | 2000 | Average | Minimum |
|------|-----------|--------------|----------|------|------|------|------|----------|---------|---------|
| | Water | Water | to | to | to | to | to | to | Treated | Ct. |
| Date | Turbidity | Turbidity | 0400 | 0800 | Noon | 1600 | 2000 | Midnight | Water | Ratio |
| 1 | | | | | | | | | | |
| 2 | | | | | | | | | | |
| 3 | | | | | | | | | | |
| 4 | | | | | | | | | | |
| 5 | | | | | | | | | | |
| 6 | 1.05 | | | | | 0.05 | 0.04 | | 0.04 | 3.0 |
| 7 | 0.95 | | | | | 0.05 | 0.04 | 0.04 | 0.05 | 3.7 |
| 8 | 1.19 | | 0.07 | 0.04 | 0.04 | 0.09 | 0.05 | 0.04 | 0.05 | 3.4 |
| 9 | 1.31 | | 0.04 | 0.04 | 0.04 | 0.05 | 0.05 | 0.04 | 0.04 | 4.4 |
| 10 | | | | | | | | | | |
| 11 | 0.85 | | | | 0.05 | 0.05 | 0.05 | 0.04 | 0.05 | 3.7 |
| 12 | 1.03 | | 0.06 | 0.04 | 0.04 | 0.06 | 0.04 | 0.04 | 0.05 | 4.1 |
| 13 | 0.89 | | 0.07 | 0.05 | 0.04 | 0.05 | 0.05 | 0.04 | 0.05 | 4.0 |
| 14 | 0.87 | | 0.05 | 0.04 | 0.05 | 0.06 | 0.05 | 0.05 | 0.05 | 4.0 |
| 15 | | | | | | | | | | |
| 16 | | | | | | | | | | |
| 17 | | | | | | | | | | |
| 18 | | | | | | | | | | |
| 19 | | | | | | | | | | |
| 20 | | | | | | | | | | |
| 21 | | | | | | | | | | |
| 22 | | | | | | | | | | |
| 23 | 0.91 | | | | | | 0.05 | 0.04 | 0.05 | 2.9 |
| 24 | 1.02 | | 0.04 | 0.05 | 0.04 | 0.04 | 0.05 | 0.04 | 0.04 | 3.9 |
| 25 | 0.93 | | 0.04 | 0.05 | 0.05 | 0.04 | 0.05 | 0.05 | 0.05 | 3.5 |
| 26 | 0.79 | | 0.04 | | 0.05 | 0.05 | 0.04 | 0.07 | 0.05 | 3.5 |
| 27 | 0.79 | | 0.05 | 0.04 | 0.05 | 0.05 | 0.04 | 0.05 | 0.05 | 4.0 |
| 28 | 0.77 | | 0.05 | 0.05 | | 0.05 | 0.05 | 0.04 | 0.05 | 3.6 |
| 29 | 0.70 | | 0.05 | 0.05 | 0.04 | | | | 0.05 | 3.3 |
| 30 | | | | | | | | | | |
| 31 | | | | | | | | | | |
| Ave. | 0.94 | | | | | | | | 0.05 | 2.9 |

Total No. of Samples: 72 No. of Readings ≤ 0.3 NTU: 72

% 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 = 95%(Average Raw NTU)

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

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

95th Percentile Value of all turbidity readings (95% of all turbidity readings are less than this value) 0.062

| Incidents of | turbidity greater | than 1.0 NTU | | | | |
|--------------|--------------------|--|----------------|-----------------|---|-----------------------------|
| Date of Inc | ident | | | | | |
| Value | | | | | | |
| Duration | | | | | | |
| | | where turbidity is > 1.0 where turbidity is > 5.0 | | | | 0 |
| 1000110 | | ds (i.e. NTU is not > 1.0 | | an eight consec | eutive hours) (Y/N)? | Y |
| | | (| | | (-, - ,) | |
| After placin | ng a filter back i | into service after any in | terruption (e | .g. backwashing | g), did the filter efflue | nt comply with the followin |
| 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 h | nours (Y/N)? | | | | Y |
| * 1 | | | 1.0 | | | |
| Indicate the | | irbidimeters that are use | 1 | | * * | ited 1 |
| . | Which | Standard used | Date | Which | Standard Used | |
| Date | Turbidimeter | (primary/secondary) | | Turbidimeter | (primary/secondary) | |
| 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 | |
| 7/22/2022 | Hach, raw wtr | 0/20 Formazin | 7/22/2022 | Hach, treated | 0/20 Formazin | |
| 10/26/2022 | Hach, raw wtr | 0/20 Formazin | 10/26/2022 | Hach, treated | 0/20 Formazin | |
| 1/27/2023 | Hach, raw wtr | 0/20 Formazin | 1/27/2023 | Hach, treated | 0/20 Formazin | |
| 6/2/2023 | Hach, raw wtr | 0/20 Formazin | 6/2/2023 | Hach, treated | 0/20 Formazin | |
| 0/2/2023 | Hach, raw wii | 0/20 FOITIAZIII | 0/2/2023 | nach, ireateu | 0/20 FOIIIIaziii | |
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| | | Di | sinfection | Process Data | | |
| Disinfectan | t residual type: | free chlorine: | X | combined chlo | rine: | other (specify) |
| Incidents of | f chlorine residu | als less than 0.2 ppm a | t the plant et | fluent | | |
| Date of Inc | | lais less than 0.2 ppin a | l me piant ei | muent. | | |
| Duration | ident | | | | | |
| Date Dept. | Notified | | | | | |
| Date Dept. | Notified | | | | | |
| Total numb | er of incidents | where residual is < 0.2 | ppm: | | | 0 |
| | | (i.e. not less than 0.2 p | | than four hour | s) (Y/N)? | Y |
| | | ` 1 | 1 | | , <u>, , , , , , , , , , , , , , , , , , </u> | |
| No. of distr | ibution system | residual samples collect | ted: | | | 1 |
| No of distri | bution system s | amples for HPC only: | | | | |
| Total No. re | esidual and/or H | IPC samples collected: | | | | 1 |
| | | ectable residual and HP | | asured: | | 0 |
| | | idual and HPC > 500 C | | | | |
| | | ly and HPC > 500 CFU | | | | |
| Total No. S | amples with no | residual and/or HPC > | 500 CFU/m | <u>l:</u> | | 0 |
| | . 1 | | 1 | | HDQ - 500\ / | |
| Compute V | where $V = [1]$ | l - (Total number of san | - | | | 1000/ |
| | | (Total number of resi | idual and/or | HPC samples c | onected)] x 100 = | 100% |
| | Meets Standard | d (i.e $V > 95\%$) (Y/N) | | | | Y |
| | 1.1000 Standard | - (1.0 , ,) 5 /0 / (1/11) | | | | |

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 |
|------------------|------|--------------------------|
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| Signature: | Llog V Bracerell | |
|------------|------------------|--|
| · · | | |

Date: 7/10/2023

| | | | Minimum | | Tank | | | | | | | | | |
|------------|---------|-------|------------------|-----------|------------|--------------|------------|-----------------|------|-----------------|-------------|--------------------|----------|--|
| 5 / | Flow | Flow | Clearwell Volume | 0 | Detention | Pipeline | • | | | - (a) | D : 10T | Total Contact Time | OT D 41 | |
| Date | (gpd) | (gpm) | (gal) | Factor | Time (min) | Volume (gal) | Time (min) | Residual (mg/L) | pH | Temperature (C) | Required CT | (min-mg/L) | CT Ratio | |
| 6/1/2023 | | | | | | | | | | | | | | |
| 6/2/2023 | | | | | | | | | | | | | | |
| 6/4/2023 | | | | | | | | | | | | | | |
| 6/5/2023 | | | | | | | | | | | | | | |
| 6/6/2023 | 41,833 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.16 | 7.56 | 13.8 | 20.70 | 61.73 | 3.0 | |
| 6/7/2023 | 41,833 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 3.17 | 7.67 | 13.8 | 24.21 | 90.72 | 3.7 | |
| 6/8/2023 | 41,833 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.51 | 7.54 | 13.8 | 21.36 | 71.85 | 3.4 | |
| 6/9/2023 | 41,833 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.85 | 7.57 | 16.7 | 18.53 | 81.58 | 4.4 | |
| 5/10/2023 | +1,000 | 40.5 | 22,000 | 0.1 | | 240 | J.Z | 2.00 | 7.01 | 10.7 | 10.55 | 01.00 | 7.7 | |
| 6/11/2023 | 47,900 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.65 | 7.89 | 16.7 | 20.37 | 75.77 | 3.7 | |
| 5/12/2023 | 47,900 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.63 | 7.62 | 16.7 | 18.38 | 75.17 | 4.1 | |
| 5/13/2023 | 48,100 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.51 | 7.62 | 16.7 | 18.16 | 71.82 | 4.0 | |
| /14/2023 | 48,100 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.76 | 7.77 | 16.7 | 19.72 | 78.77 | 4.0 | |
| /15/2023 | 10,100 | | , | U. | | | 0.2 | \$ | | | | | | |
| 6/16/2023 | | | | | | | | | | | | | | |
| /17/2023 | | | | | | | | | | | | | | |
| /18/2023 | | | | | | | | | | | | | | |
| /19/2023 | | | | | | | | | | | | | | |
| /20/2023 | | | | | | | | | | | | | | |
| /21/2023 | | | | | | | | | | | | | | |
| 5/22/2023 | | | | | | | | | | | | | | |
| /23/2023 | 27,700 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 1.68 | 7.57 | 16.5 | 16.47 | 48.04 | 2.9 | |
| /24/2023 | 47,800 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.41 | 7.56 | 16.5 | 17.80 | 68.91 | 3.9 | |
| /25/2023 | 47,800 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.21 | 7.66 | 16.5 | 18.06 | 63.30 | 3.5 | |
| /26/2023 | 47,800 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.30 | 7.74 | 16.6 | 18.67 | 65.68 | 3.5 | |
| /27/2023 | 39,775 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.73 | 7.76 | 16.6 | 19.72 | 78.12 | 4.0 | |
| 5/28/2023 | 39,775 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.29 | 7.66 | 16.6 | 18.10 | 65.48 | 3.6 | |
| /29/2023 | 39,775 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.14 | 7.74 | 16.6 | 18.30 | 61.19 | 3.3 | |
| /30/2023 | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| erage | 43,317 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 2.47 | 7.66 | 16.1 | 19.2 | 70.5 | 3.7 | |
| gh | 48,100 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 3.17 | 7.89 | 16.7 | 24.2 | 90.7 | 4.4 | |
| W | 27,700 | 46.9 | 22,500 | 0.1 | 48 | 245 | 5.2 | 1.68 | 7.54 | 13.8 | 16.5 | 48.0 | 2.9 | |
| tal | 649,758 | | | | | | | | | | | | | |

Quarterly Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

| System Name: | La Honda Water System (CSA #7) | System No.: | 4100509 |
|----------------|--------------------------------|-------------|---------|
| Calendar Year: | 2023 | Quarter: | 2 |

| | | 1st Quarter | |
|--------------|---------------------------|---------------------------------|--|
| | Month | Number of Samples Taken | Monthly Ave. Chlorine Level (mg/L) |
| | April | | 1.10 |
| | May | | 1.16 |
| Ī | June | | 1.09 |
| 010 | July | | 1.48 |
| 7/12/2010 | August | | 1.63 |
| 1/1 | September | | 1.70 |
| | October | | 1.29 |
| | November | | 1.32 |
| | December | | 1.06 |
| /ear | January | 8 | 0.42 |
| Current Year | February | 5 | 0.56 |
| Curr | March | 17 | 0.44 |
| Rι | unning Annual A | verage (RAA): | 1.10 |
| Mo | eets standard? | · | Yes |
| (i.€ | e. RAA <u><</u> MRDL o | f 4.0 mg/L as Cl ₂) | |

| | | 2nd Quarter | |
|---------------|---------------------------|---------------------------------|--|
| | Month | Number of Samples Taken | Monthly Ave. Chlorine Level (mg/L) |
| | July | | 1.48 |
| ar | August | | 1.63 |
| Previous Year | September | | 1.70 |
| evior | October | | 1.29 |
| Ā | November | | 1.32 |
| | December | | 1.06 |
| | January | | 0.42 |
| ä | February | | 0.56 |
| ıt Ye | March | | 0.44 |
| Current Year | April | 7 | 0.86 |
| Ō | May | 5 | 0.83 |
| | June | 6 | 0.81 |
| Rι | ınning Annual A | verage (RAA): | 1.03 |
| Me | eets standard? | | Yes |
| (i.e | e. RAA <u><</u> MRDL o | f 4.0 mg/L as Cl ₂) | |

| | 3rd Quarter | | | | | | | | | | |
|--------------|---------------------------|---------------------------------|--|--|--|--|--|--|--|--|--|
| | Month | Number of Samples Taken | Monthly Ave. Chlorine Level (mg/L) | | | | | | | | |
| , Yr | October | | 1.29 | | | | | | | | |
| Previous Yr | November | | 1.32 | | | | | | | | |
| Pre | December | | 1.06 | | | | | | | | |
| | January | | 0.42 | | | | | | | | |
| | February | | 0.56 | | | | | | | | |
| | March | | 0.44 | | | | | | | | |
| /ear | April | | 0.86 | | | | | | | | |
| Current Year | May | | 0.83 | | | | | | | | |
| Curr | June | | 0.81 | | | | | | | | |
| | July | | | | | | | | | | |
| | August | | | | | | | | | | |
| | September | | | | | | | | | | |
| Rι | ınning Annual A | verage (RAA): | | | | | | | | | |
| Me | eets standard? | | | | | | | | | | |
| (i.e | e. RAA <u><</u> MRDL o | f 4.0 mg/L as Cl ₂) | | | | | | | | | |

| | 4th Quarter | | | | | | | | | | |
|--------------|---------------------------|---------------------------------|--|--|--|--|--|--|--|--|--|
| | Month | Number of Samples Taken | Monthly Ave. Chlorine Level (mg/L) | | | | | | | | |
| | January | | 0.42 | | | | | | | | |
| | February | | 0.56 | | | | | | | | |
| | March | | 0.44 | | | | | | | | |
| | April | | 0.86 | | | | | | | | |
| ⊭ | May | | 0.83 | | | | | | | | |
| rt Yea | June | | 0.81 | | | | | | | | |
| Current Year | July | | | | | | | | | | |
| O | August | | | | | | | | | | |
| | September | | | | | | | | | | |
| | October | | | | | | | | | | |
| | November | | | | | | | | | | |
| | December | | | | | | | | | | |
| Rι | ınning Annual A | verage (RAA): | | | | | | | | | |
| Me | eets standard? | | | | | | | | | | |
| (i.e | e. RAA <u><</u> MRDL o | f 4.0 mg/L as Cl ₂) | | | | | | | | | |

| Comments: | | | |
|-----------|--|--|--|
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12

Quarterly TTHM Report for Disinfection Byproducts Compliance (in μ g/L or ppb)

| System Name: | I | _a Hond | da Wate | r Systei | m (CSA | . #7) | | | Syste | em No.: | 4 | 4100509 | 9 | Year: | 20 | 22 | C | (uarter: | 2 | 2 |
|---------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------------|------------|-------------|------------|----------|-----------------|-------------|----------|----------|----------|----------|
| Year: | | 20 | 019 | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | |
| Quarter: | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | | 3rd Qtr. | 4th Qtr. |
| Sample Date (month/date): | 3/5 | 6/19 | 9/11 | 12/17 | 3/10 | 6/9 | 9/8 | 12/1 | 3/1 | 6/14 | 9/8 | 12/7 | 3/1 | 6/14 | 9/13 | 12/13 | 3/28 | 6/13 | | |
| Site 1 | 79.5 | 62.5 | 115.2 | 104.6 | 61.2 | 40.0 | 39.0 | 67.0 | 38.0 | 71.0 | 53.0 | 75.1 | 31.0 | 65.0 | 80.0 | 102.0 | 44.0 | 40.0 | | |
| | | | | | | | | | | | | | | | | | | | | |
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| | | | | | | | | | | | | | | | | | | | | |
| Quarterly Average | 79.5 | 62.5 | 115.2 | 104.6 | 61.2 | 40.0 | 39.0 | 67.0 | 38.0 | 71.0 | 53.0 | 75.1 | 31.0 | 65.0 | 80.0 | 102.0 | 44.0 | 40.0 | | |
| Running Annual Average | 77.7 | 79.8 | 90.2 | 90.5 | 85.9 | 80.3 | 61.2 | 51.8 | 46.0 | 53.8 | 57.3 | 59.3 | 57.5 | 56.0 | 62.8 | 69.5 | 72.8 | 66.5 | | |
| Meets Standard (80 ug/L)?* | Yes | Yes | No | No | No | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Number of Samples Taken | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Identify the sample locations i | n the ta | ble belo | W. | | | | | _ | | | | | | | | | | | | |
| Site | S | ample L | _ocation | | | | | | | | | | | | | | | | | |
| 1 Old Chlorination Station | l | | | | | | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | | | | | | |
| 3 | | | | | | | | | | | | | | | | | | | | |
| 4 | | | | | | | | | | | | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | | | | | | |
| 7 | | | | | | | | | | | t | 0. | 19-1 | | 11 | | | | | |
| 8 | | | | | | | | | | | λ | loge! | 1180 | acc | sl1 | | | 7/ | 10/202 | 23 |
| 9 | | | | | | | | | | Signatu | ıre | | | | | | | Date | | |
| 10 | | | | | | | | | | * 4' | a th = f'- | ot 110 == = | f ma:=!+-: | | المانية المانية | - اسمييت ام | wla a | الليدة | aa 4b - | m.mor! |
| 11 | | | | | | | | | | *If, durin | | | | | | | | | | |

at the end of that quarter.

Quarterly HAA5 Report for Disinfection Byproducts Compliance (in μg/L or ppb)

| System Name: | n Name: La Honda Water System | | | | | | System No.: 410050 | | | 9 Year: 2022 | | | Quarter: 2 | | | 2 | | | | |
|---|-------------------------------|----------|----------|----------|----------|----------|--------------------|----------|----------|--------------|----------|----------|------------|----------|----------|----------|----------|----------|----------|----------|
| Year: | 2019 | | | | 2020 | | | | 2021 | | | | 2022 | | | | 2023 | | | |
| Quarter: | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. | 1st Qtr. | 2nd Qtr. | 3rd Qtr. | 4th Qtr. |
| Sample Date (month/date): | 3/5 | 6/19 | 9/11 | 12/17 | 3/10 | 6/9 | 9/8 | 12/1 | 3/1 | 6/14 | 9/8 | 12/7 | 3/1 | 6/14 | 9/13 | 12/13 | 3/28 | 6/13 | | |
| Site 1 | 46.0 | 44.3 | 64.0 | 83.5 | 101.6 | 69.0 | 29.0 | 32.0 | 25.0 | 55.0 | 19.0 | 40.0 | 22.0 | 35.0 | 43.0 | 87.0 | 19.0 | 32.0 | | |
| Site 1 Sample | | | | | | | | | | | | | | | | | | | | |
| Site 3 | | | | | | | | | | | | | | | | | | | | |
| Site 4 | | | | | | | | | | | | | | | | | | | | |
| Site 5 | | | | | | | | | | | | | | | | | | | | |
| Site 6 | | | | | | | | | | | | | | | | | | | | |
| Site 7 | | | | | | | | | | | | | | | | | | | | |
| Site 8 | | | | | | | | | | | | | | | | | | | | |
| Site 9 | | | | | | | | | | | | | | | | | | | | |
| Site 10 | | | | | | | | | | | | | | | | | | | | |
| Site 11 | | | | | | | | | | | | | | | | | | | | |
| Site 12 | | | | | | | | | | | | | | | | | | | | |
| Quarterly Average | 46.0 | 44.3 | 64.0 | 83.5 | 101.6 | 69.0 | 29.0 | 32.0 | 25.0 | 55.0 | 19.0 | 40.0 | 22.0 | 35.0 | 43.0 | 87.0 | 19.0 | 32.0 | | |
| Running Annual Average | 41.5 | 42.1 | 53.0 | 59.5 | 73.4 | 79.5 | 70.8 | 57.9 | 38.8 | 35.3 | 32.8 | 34.8 | 34.0 | 29.0 | 35.0 | 46.8 | 46.0 | 45.3 | | |
| Meets Standard (60 ug/L)?* | Yes | Yes | Yes | Yes | No | No | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| Number of Samples Taken | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | |
| Identify the sample locations in the table below. | | | | | | | | | | | | | | | | | | | | |
| Site | ite Sample Location | | | | | | | | | | | | | | | | | | | |

| Site | Sample Location |
|------|--------------------------|
| 1 | Old Chlorination Station |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
| 6 | |
| 7 | |
| 8 | |
| 9 | |
| 10 | |
| 11 | |
| 12 | |

Hog IV Bruendl 7/10/2023 Signature Date

^{*}If, during the first year of monitoring, any individual quarter's average will cause the running annual average of that system to exceed the standard, then the system is out of compliance at the end of that quarter.