



BRACEWELL ENGINEERING, INC.

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July 9, 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: June 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 monitoring report, the Monthly Summary of Distribution System Coliform Monitoring, and the Monthly Summary of Monitoring for Surface Water Treatment Regulations for the La Honda Water System.

Disinfection Byproducts

The quarterly disinfection byproducts monitoring was completed but the TTHM and HAA5 test results will not be available until after July 10 and so the Quarterly Reports for Disinfectant Residuals, TTHM, and HAA5 Compliance will be submitted separately when the test results are received.

Surface Water Treatment Rule

On June 6, a chlorine pump issue occurred at the CSA 7 water system and the treatment plant ran without a final chlorine residual from 2:45pm to 6:00pm. The failure was a result of the chlorine pump losing prime when the alarm system was in a bypassed state. This prevented the facility from alarming and shutting down. There is no monitoring of the chlorine feed at the facility - only the Treated Water and Finished Water chlorine residuals are monitored.

We have internally discussed additional safeguards that could be implemented to provide greater redundancy to the alarm system at La Honda treatment plant and will be discussing these options with the County.

A Boil Water Notice was distributed on June 7 and the five routine coliform samples were collected the same day with repeat samples collected the following day. All distribution samples showed an absence of total coliforms and E. coli.

Other than the outage on June 6, chlorine residuals were maintained as required. Turbidity levels did not exceed 0.3 NTU when treating water for domestic use. The minimum disinfection CT ratio was 1.2 for a DDW required 1-log removal for Giardia.

Mr. Eric Lacy
July 9, 2021
Page 2

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

Respectfully submitted,
BRACEWELL ENGINEERING, INC.

A handwritten signature in black ink, reading "Lloyd W. Bracewell". The signature is written in a cursive style with a large, stylized initial "L".

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: Test: Units: Type: Frequency: Date	Finish Wtr FLOW gal/day calculated daily	Finish Wtr TEMP deg C grab weekly	Finish Wtr PH std units grab weekly	Finish Wtr CL2 RESID mg/L continuous daily	ContctPipe CT VALUE min-mg/L calculated daily	Finish Wtr CT REQUIRD min-mg/L calculated daily	ContctPipe CT RATIO ratio calculated daily	Finish Wtr TURBIDITY NTU continuous daily	Raw Water TURBIDITY NTU continuous daily	Finish Wtr TRB/PH/CL2 initials calib check weekly
06/01/21	41100	16.2	8.32	2.20	61.97	21.9	2.8	0.05	2.12	KB
06/02/21	31100	16.2	7.76	2.31	65.06	18.3	3.6	0.05	2.35	
06/03/21	0									
06/04/21	0									
06/05/21	0									
06/06/21	14567	16.2	7.64	1.68	47.32	16.7	2.8	0.05	1.60	
06/07/21	6100	14.9	7.61	2.50	70.42	19.2	3.7	0.05	0.61	KB
06/08/21	0									
06/09/21	0									
06/10/21	0									
06/11/21	36750	14.9	7.76	1.92	54.08	19.4	2.8	0.05	2.52	
06/12/21	36750	14.9	7.76	1.79	50.42	19.2	2.6	0.05	1.05	
06/13/21	0									
06/14/21	0									KB
06/15/21	0									
06/16/21	26333	16.6	7.90	1.74	49.01	17.9	2.7	0.05	2.05	
06/17/21	26333	18.6	7.82	2.07	58.30	15.5	3.8	0.06	0.92	
06/18/21	0									
06/19/21	0									
06/20/21	0									
06/21/21	30650	18.6	8.00	2.23	62.81	16.7	3.8	0.05	0.91	KB
06/22/21	30650	18.6	8.00	1.01	28.45	14.8	1.9	0.05	1.17	
06/23/21	30650	18.6	8.03	0.59	16.62	13.8	1.2	0.05	0.92	
06/24/21	30650	16.1	7.91	0.75	21.12	16.3	1.3	0.05	0.87	
06/25/21	30650	16.1	7.89	0.76	21.41	16.3	1.3	0.04	0.80	
06/26/21	0									
06/27/21	0									
06/28/21	56700	16.1	7.90	1.75	49.29	18.5	2.7	0.05	2.31	KB
06/29/21	56700	16.1	7.79	2.00	56.33	18.2	3.1	0.05	0.88	
06/30/21	20200	16.1	7.84	2.01	56.61	18.5	3.1	0.05	1.06	
Average:	16863	16.6	7.87	1.71	48.08	17.6	2.7	0.05	1.38	
High:	56700	18.6	8.32	2.50	70.42	21.9	3.8	0.06	2.52	
Low:	0	14.9	7.61	0.59	16.62	13.8	1.2	0.04	0.61	
Total:	505883									

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:			0/16		0/16	0/16

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: Test: Units: Type: Frequency: Date	Raw Water SAMPL TYPE TYPE observation as needed	Raw Water COLIFORM MPN/100mL grab monthly	Raw Water E. COLI MPN/100mL grab monthly	APN 240070 SAMPL TYPE TYPE observation Mar/May/Oct	APN 240070 COLIFORM pres./abs. grab Mar/May/Oct	APN 240070 E. COLI pres./abs. grab Mar/May/Oct	APN 240070 CL2 RESID mg/L grab Mar/May/Oct	01dC12Sta SAMPL TYPE TYPE observation Apr/Jun/Nov	01dC12Sta COLIFORM pres./abs. grab Apr/Jun/Nov	01dC12Sta E. COLI pres./abs. grab Apr/Jun/Nov	01dC12Sta CL2 RESID mg/L grab Apr/Jun/Nov
06/01/21				due 10/21	due 10/21	due 10/21	due 10/21				
06/02/21											
06/03/21											
06/04/21											
06/05/21											
06/06/21											
06/07/21											
06/08/21	Other	34.5	14.5					Routine	Absence	Absence	1.40
06/09/21								Other	Absence	Absence	1.24
06/10/21											
06/11/21											
06/12/21											
06/13/21											
06/14/21											
06/15/21											
06/16/21											
06/17/21											
06/18/21											
06/19/21											
06/20/21											
06/21/21											
06/22/21											
06/23/21											
06/24/21											
06/25/21								Other	Absence	Absence	1.07
06/26/21											
06/27/21											
06/28/21								Other	Absence	Absence	0.60
06/29/21											
06/30/21											
Average:		34.5	14.5						0	0	1.08
High:		34.5	14.5						0	0	1.40
Low:		34.5	14.5						0	0	0.60
DL/RL: Method:		1.0/1.0 SM9223 B-18	1.0/1.0 SM9223 B-18		SM9223B-18	SM9223B-18	SM4500-C1 G		SM9223B-18	SM9223B-18	SM4500-C1 G
Limit1: Over/Total:					mx d < 1 0/0	mx d < 1 0/0	mn d >= 0.05 0/0		mx d < 1 0/4	mx d < 1 0/4	mn d >= 0.05 0/4

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 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										
06/01/21	due 07/21	due 07/21	due 07/21	due 07/21	due 08/21	due 08/21	due 08/21	due 08/21	due 07/21	due 08/21
06/02/21										
06/03/21										
06/04/21										
06/05/21										
06/06/21										
06/07/21										
06/08/21	Other	Absence	Absence	1.20	Other	Absence	Absence	1.08		
06/09/21	Other	Absence	Absence	1.09	Other	Absence	Absence	0.88		
06/10/21										
06/11/21										
06/12/21										
06/13/21										
06/14/21										
06/15/21										
06/16/21										
06/17/21										
06/18/21										
06/19/21										
06/20/21										
06/21/21										
06/22/21										
06/23/21										
06/24/21										
06/25/21	Other	Absence	Absence	1.55						
06/26/21										
06/27/21										
06/28/21	Other	Absence	Absence	0.51						
06/29/21										
06/30/21										
Average:		0	0	1.09		0	0	0.98		
High:		0	0	1.55		0	0	1.08		
Low:		0	0	0.51		0	0	0.88		
DL/RL:									10/5	10/5
Method:		SM9223B-18	SM9223B-18	SM4500-C1 G		SM9223B-18	SM9223B-18	SM4500-C1 G	EPA 200.8	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:		0/4	0/4	0/4		0/2	0/2	0/2		

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

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

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

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							
06/01/21	KB		8.39		due 08/21	due 08/21	due 07/21
06/02/21	KB						
06/03/21							
06/04/21	KB						
06/05/21							
06/06/21							
06/07/21	KB		8.41				
06/08/21							
06/09/21	KB						
06/10/21							
06/11/21	KB						
06/12/21							
06/13/21							
06/14/21	KB		8.39				
06/15/21							
06/16/21	KB						
06/17/21							
06/18/21	KB						
06/19/21							
06/20/21							
06/21/21	KB		8.34				
06/22/21							
06/23/21	KB						
06/24/21							
06/25/21	KB						
06/26/21							
06/27/21							
06/28/21	KB		8.46				
06/29/21							
06/30/21	KB						
Average:			8.40				
High:			8.46				
Low:			8.34				
DL/RL:				3/2	20/20	20/10	0.030/0.40
Method:			SM4500-H+ B	SM2320B	EPA 200.8	EPA 200.8	SM4500-N03 D
Limit1:							mx d <= 10
Over/Total:							0/0

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:	11043 Alp	11043 Alp	11043 Alp	11043 Alp	25 Memory	25 Memory	25 Memory	25 Memory
Test:	SAMPL TYPE	CL2 RESID	COLIFORM	E. COLI	SAMPL TYPE	CL2 RESID	COLIFORM	E. COLI
Units:	TYPE	mg/L	pres./abs.	pres./abs.	TYPE	mg/L	pres./abs.	pres./abs.
Type:	observation	grab	grab	grab	observation	grab	grab	grab
Frequency:	as needed	as needed	as needed	as needed	as needed	as needed	as needed	as needed
Date								
06/01/21								
06/02/21								
06/03/21								
06/04/21								
06/05/21								
06/06/21								
06/07/21								
06/08/21	Other	0.38	Absence	Absence	Other	0.37	Absence	Absence
06/09/21	Other	0.33	Absence	Absence	Other	0.74	Absence	Absence
06/10/21								
06/11/21								
06/12/21								
06/13/21								
06/14/21								
06/15/21								
06/16/21								
06/17/21								
06/18/21								
06/19/21								
06/20/21								
06/21/21								
06/22/21								
06/23/21								
06/24/21								
06/25/21					Other	0.83	Absence	Absence
06/26/21								
06/27/21								
06/28/21					Other	0.21	Absence	Absence
06/29/21								
06/30/21								
Average:		0.36	0	0		0.54	0	0
High:		0.38	0	0		0.83	0	0
Low:		0.33	0	0		0.21	0	0
Method:		SM4500-C1 G	SM9223B-18	SM9223B-18		SM4500-C1 G	SM9223B-18	SM9223B-18
Limit1:		mn d >= 0.05	mx d < 1	mx d < 1		mn d >= 0.05	mx d < 1	mx d < 1
Over/Total:		0/2	0/2	0/2		0/4	0/4	0/4

Monthly Summary of Distribution System Coliform Monitoring

System Name: La Honda Water System (CSA #7)	System Number: 4100509
Sampling Period	Year: 2021
Month: June	

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E. coli Positives
1. Routine Samples (see note 1)	<u>1</u>	<u>1</u>	<u>0</u>	<u>0</u>
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E. coli <i>Negative</i> (see notes 5 and 6)		<u>0</u>	<u> </u>	<div style="border: 1px solid black; width: 40px; height: 20px;"></div>
3. Repeat Samples Following Routine Samples Which are Total Coliform Positive and Fecal/ E. coli <i>Positive</i> (see notes 5 and 6)		<u>0</u>	<div style="border: 1px solid black; width: 40px; height: 20px;"></div>	<div style="border: 1px solid black; width: 40px; height: 20px;"></div>
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)		<u>1</u>	<u>0</u>	
b. If 40 or more samples collected in month, determine percent of samples that are total confirm positive. [(total number positive/total number collected)x100]				
c. Is system in compliance...with fecal/E.coli MCL? (see notes 2 and 3)		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
...with monthly MCL? (see note 4)		<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	
5. Invalidated Samples (Note what samples, if any, were invalidated; why they were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				

6. Summary Completed By:

Signature 	Title Water System Engineer	Date 7/9/2021
--	--------------------------------	------------------

Notes and Instructions:

1. Routine samples include:
 - a. Samples required per 22, CCR, Section 64423;
 - b. Extra samples required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;
 - c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under the direct influence of surface water do not practice filtration in compliance with regulations.
2. Note: For a repeat sample following a total coliform positive sample, any fecal/E. coli positive repeat (boxed entry) *constitutes an MCL violation and requires immediate notification to the Department* (22, CCR, Section 64426.1).
3. Note: For a repeat sample following a fecal/E. coli positive sample, any total coliform positive repeat (boxed entry) *constitutes an MCL violation and requires immediate notification to the Department* (22, CCR, Section 64426.1).
4. Total coliform MCL (*Notify Department within 24 hours of MCL violation*):
 - a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
 - b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the MCL is violated.
5. Positive results and their associated repeat samples must be tracked on the worksheet on the other side.
6. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. Repeat samples must be collected within 24 hours of being notified of the positive result.

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

Date of Report: 7/9/2021

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

System Number: 4100509

Laboratory: BEI Analytical Laboratory

Elap No: 3019

Signature of Lab Director: *Greg W. Bracewell*

Report Period from: 6/1/2021 to 6/30/2021

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
6/8/2021			Old Chlorination Station	1	A	A	SM 9223B-18
6/8/2021			Raw Water	4	34.5	14.5	SM 9223 B-18 (MPN)
6/9/2021			Old Chlorination Station	4	A	A	SM 9223B-18
6/25/2021			Old Chlorination Station	4	A	A	SM 9223B-18
6/28/2021			Old Chlorination Station	4	A	A	SM 9223B-18
6/8/2021			251 Pescadero Creek Road	4	A	A	SM 9223B-18
6/9/2021			251 Pescadero Creek Road	4	A	A	SM 9223B-18
6/8/2021			460 Pescadero Road	4	A	A	SM 9223B-18
6/9/2021			460 Pescadero Road	4	A	A	SM 9223B-18
6/25/2021			251 Pescadero Creek Road	4	A	A	SM 9223B-18
6/28/2021			251 Pescadero Creek Road	4	A	A	SM 9223B-18
6/8/2021			11043 Alpine Road	4	A	A	SM 9223B-18
6/9/2021			11043 Alpine Road	4	A	A	SM 9223B-18
6/8/2021			25 Memory	4	A	A	SM 9223B-18
6/9/2021			25 Memory	4	A	A	SM 9223B-18
6/25/2021			25 Memory	4	A	A	SM 9223B-18
6/28/2021			25 Memory	4	A	A	SM 9223B-18

1 = Routine

P = Present

2 = Repeat

A = Absent

3 = Replacement

4 = Other

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: June Year: 2021

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	2.12					0.05	0.05	0.04	0.05	2.8
2	2.35		0.05	0.05	0.05	0.04	0.05	0.04	0.05	3.6
3										
4										
5										
6	1.60		0.05	0.04	0.04	0.04	0.04		0.04	2.8
7	0.61						0.05		0.05	3.7
8										
9										
10										
11	2.52				0.04	0.05	0.04	0.04	0.04	2.8
12	1.05		0.05	0.04	0.05	0.04	0.05		0.05	2.6
13										
14										
15										
16	2.05				0.05	0.05	0.04	0.04	0.05	2.7
17	0.92		0.04	0.04	0.04	0.04	0.04		0.04	3.8
18										
19										
20										
21	0.91						0.05	0.05	0.05	3.8
22	1.17		0.04	0.05	0.05	0.04	0.04	0.05	0.05	1.9
23	0.92		0.04	0.05	0.04	0.04	0.04	0.04	0.04	1.2
24	0.87		0.05	0.04	0.04	0.04	0.04	0.04	0.04	1.3
25	0.80		0.04	0.04	0.04	0.04			0.04	1.3
26										
27										
28	2.31				0.05	0.05	0.05	0.04	0.05	1.0
29	0.88		0.05	0.04	0.05	0.04	0.04	0.04	0.04	1.4
30	1.06		0.05	0.04	0.04	0.04	0.04		0.04	1.3
31										
Ave.	1.38								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: 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 = $\frac{[(\text{Average Raw NTU} - \text{Average Effluent NTU})]}{(\text{Average Raw NTU})} \times 100 = \underline{97\%}$

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)
3/13/2019	Hach, raw wtr	0/20 Formazin	3/13/2019	Hach, treated	0/20 Formazin
5/17/2019	Hach, raw wtr	0/20 Formazin	5/17/2019	Hach, treated	0/20 Formazin
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

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	6/6/2021		
Duration	2:45 pm to 6:00 pm		
Date Dept. Notified	6/7/2021		

Total number of incidents where residual is < 0.2 ppm: _____ 1
 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

Signature: *Steph W. Baccanell*
 Date: 7/9/2021

**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: 2021 Quarter: 2

1st Quarter			
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)	
7/12/2010	April	0.36	
	May	0.31	
	June	0.12	
	July	1.01	
	August	1.16	
	September	0.69	
	October	0.53	
	November	1.41	
	December	0.23	
	Current Year	January	1
		February	11
		March	1
Running Annual Average (RAA):		0.64	
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		Yes	

2nd Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Previous Year	July	1.01
	August	1.16
	September	0.69
	October	0.53
	November	1.41
	December	0.23
Current Year	January	0.12
	February	0.54
	March	1.14
	April	1
	May	1
	June	16
Running Annual Average (RAA):		0.89
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		Yes

3rd Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Previous Yr	October	0.53
	November	1.41
	December	0.23
Current Year	January	0.12
	February	0.54
	March	1.14
	April	1.94
	May	1.08
	June	0.81
	July	
	August	
	September	
Running Annual Average (RAA):		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		

4th Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Current Year	January	0.12
	February	0.54
	March	1.14
	April	1.94
	May	1.08
	June	0.81
	July	
	August	
	September	
	October	
	November	
	December	
Running Annual Average (RAA):		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		

Comments:

Signature: 

Date: 7/9/2021