BRACEWELL ENGINEERING, INC.
155 MAST STREET, UNIT 114, MORGAN HILL, CA 95037
(669) 258-5820 FAX (408) 498-7045
www.bracewellengineering.com

January 10, 2024

District Engineer
State Water Resources Control Board-Division of Drinking Water
850 Marina Bay Parkway, Building P, 2nd Floor
Richmond, CA 94804

Re: December 2023 Monthly Report to the Office of Drinking Water
La Honda Water System (County Service Area No. 7), No. CA4100509

Dear District Engineer:

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 52.0 ug/L was in compliance with its MCL of 80 ug/L and the HAA5 running annual average of 31.8 ug/L was in compliance with its MCL of 60 ug/L.
- The minimum Disinfection CT ratio was 2.3 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
Water System Engineer

cc: San Mateo County, CSA #7
BEI Office

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

WATER SYSTEM MONITORING REPORT

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

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					
12/1/2023			N		5,994	-	525
12/2/2023			N		5,994	-	525
12/3/2023			N		5,994	-	525
12/4/2023			N		5,994	-	525
12/5/2023			N		5,994	-	525
12/6/2023	KB	1430	N		5,994	-	525
12/7/2023			N		1,008	-	-
12/8/2023			N		1,008	-	-
12/9/2023			N		1,008	-	-
12/10/2023			N		1,008	-	-
12/11/2023	KB	1200	Y	13.85	1,008	28,850	-
12/12/2023			Y		42,781	28,850	3,733
12/13/2023			Y		42,781	28,850	3,733
12/14/2023	KB	1030	Y	13.11	42,781	28,850	3,733
12/15/2023			Y		8,148	28,200	1,050
12/16/2023			N		8,148	-	1,050
12/17/2023			N		8,148	-	1,050
12/18/2023			N		8,148	-	1,050
12/19/2023			N		8,148	-	1,050
12/20/2023			N		8,148	-	1,050
12/21/2023			N		8,148	-	1,050
12/22/2023	KB	1215	Y	14.05	8,148	28,200	1,050
12/23/2023			Y		15,239	27,400	1,417
12/24/2023			Y		15,239	27,400	1,417
12/25/2023			N		15,239	-	1,417
12/26/2023			N		15,239	-	1,417
12/27/2023			N		15,239	-	1,417
12/28/2023	KB	930	Y	13.91	15,239	27,400	1,417
12/29/2023			Y		5,254	59,700	467
12/30/2023			N		5,254	-	467
12/31/2023			N		5,254	-	467

Min	-	930	-	13.11	1,008	-	-
Max	-	1430	-	14.05	42,781	59,700	3,733
Average				13.73	11,023	10,119	1,053
Total					341,726	313,700	32,650

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WATER SYSTEM MONITORING REPORT

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

Location	Inlet	Inlet	Inlet	Inlet	Creek	Air	Air	Filter Inlet
Parameter	pH	Max Turbidity	Turbidity	Temp.	Water Level	Temp	Percip	Turbidity
frequency	weekly	daily	weekly	weekly	monthly	daily	daily	weekly
Units	units	ntu	ntu	C	inches	C	%	ntu
Type		Analyzer	Grab	Grab	grab			Grab
High Limit								
Low Limit								
Date								
12/1/2023								
12/2/2023								
12/3/2023								
12/4/2023								
12/5/2023								
12/6/2023								
12/7/2023								
12/8/2023								
12/9/2023								
12/10/2023								
12/11/2023	8.47	0.445	0.33	13.7		12.9	0.34	0.89
12/12/2023								
12/13/2023								
12/14/2023		0.502				10.9	0.35	
12/15/2023								
12/16/2023								
12/17/2023								
12/18/2023								
12/19/2023								
12/20/2023								
12/21/2023								
12/22/2023	8.45	1.399	0.87	13.9		12.6	0.42	1.66
12/23/2023								
12/24/2023								
12/25/2023								
12/26/2023								
12/27/2023								
12/28/2023	8.44	1.46	0.076	13.3	16"	12.6	0.44	3.07
12/29/2023								
12/30/2023								
12/31/2023								

Min	8.44	0.45	0.08	13.30	-	10.90	0.34	0.89
Max	8.47	1.46	0.87	13.90	-	12.90	0.44	3.07
Average	8.45	0.95	0.43	13.63		12.25	0.39	1.87
Total								

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WATER SYSTEM MONITORING REPORT

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

Location	Contact Pipe	Contact Pipe	Contact Pipe	Contact Pipe	Contact Pipe	Contact Pipe	Contact Pipe
Parameter	turbidity	Max Turbidity	Min Temp	Min CL2	pH	Turbidity	Temp
frequency	daily	daily	daily	daily	weekly	weekly	weekly
Units	units	ntu	C	mg/L	units	ntu	C
Type	Analyzer	Analyzer	Analyzer	Analyzer	Grab	Grab	Grab
High Limit							
Low Limit							
Date							
12/1/2023							
12/2/2023							
12/3/2023							
12/4/2023							
12/5/2023							
12/6/2023							
12/7/2023							
12/8/2023							
12/9/2023							
12/10/2023							
12/11/2023	7.8	0.055	13.1	1.91	7.87	0.14	13.4
12/12/2023							
12/13/2023							
12/14/2023	7.8	0.048	11.7	1.93			
12/15/2023							
12/16/2023							
12/17/2023							
12/18/2023							
12/19/2023							
12/20/2023							
12/21/2023							
12/22/2023	7.8	0.074	13.1	2.19	7.91	0.13	13.8
12/23/2023							
12/24/2023							
12/25/2023							
12/26/2023							
12/27/2023							
12/28/2023	7.9	0.06	13.7	1.28	7.97	0.15	13.9
12/29/2023							
12/30/2023							
12/31/2023							

Min	7.80	0.05	11.70	1.28	7.87	0.13	13.40
Max	7.90	0.07	13.70	2.19	7.97	0.15	13.90
Average	7.83	0.06	12.90	1.83	7.92	0.14	13.70
Total							

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WATER SYSTEM MONITORING REPORT

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

Location		TW Storage Tank	TW Storage Tank	TW Storage Tank	TW Storage Tank
Parameter		Level	Temp	pH	cl2 residual
frequency		weekly	weekly	weekly	weekly
units		ft	C	Units	ppm
Type		Visual			
High Limit			17.0	8.50	2.00
Low Limit			6.5	7.50	0.30
Date	Oper. Initials				
12/1/2023					
12/2/2023					
12/3/2023					
12/4/2023					
12/5/2023					
12/6/2023					
12/7/2023					
12/8/2023	KB	22.6	12.4	7.70	1.77
12/9/2023					
12/10/2023					
12/11/2023					
12/12/2023					
12/13/2023					
12/14/2023					
12/15/2023	KB	28.6	12.7	8.22	1.76
12/16/2023					
12/17/2023					
12/18/2023					
12/19/2023					
12/20/2023					
12/21/2023					
12/22/2023	KB	24.9	14.4	8.44	1.82
12/23/2023					
12/24/2023					
12/25/2023					
12/26/2023					
12/27/2023					
12/28/2023	KB	26.2	13.9	8.42	0.67
12/29/2023					
12/30/2023					
12/31/2023					

Min	-	22.6	12.4	7.70	0.67
Max	-	28.6	14.4	8.44	1.82
Average		25.6	13.4	8.20	1.51
Total					

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WATER SYSTEM MONITORING REPORT

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

Location		**Routine Sample Site**
Parameter		**Cl2 Residual**
frequency		**as needed**
units		**mg/L**
Type		**grab**
High Limit		
Low Limit		
Date	**Oper. Initials**	
12/1/2023		
12/2/2023		
12/3/2023		
12/4/2023		
12/5/2023		
12/6/2023		
12/7/2023		
12/8/2023	KB	1.11
12/9/2023		
12/10/2023		
12/11/2023		
12/12/2023		
12/13/2023	KB	1.30
12/14/2023		
12/15/2023		
12/16/2023		
12/17/2023		
12/18/2023		
12/19/2023		
12/20/2023		
12/21/2023		
12/22/2023	KB	1.12
12/23/2023		
12/24/2023		
12/25/2023		
12/26/2023		
12/27/2023		
12/28/2023	KB	0.89
12/29/2023		
12/30/2023		
12/31/2023		

Min	-	0.89
Max	-	1.30
Average		1.11
Total		

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WATER SYSTEM MONITORING REPORT

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

Row Labels	Raw Water - Flow (gal/d): calculation	Treated Water - Average Flow (gal/d): calculation	Backwash - Flow (gal/d): calculation
2022	**291,637**	**19,843**	**3,443**
Jan	30,036	27,571	4,179
Feb	3,526,066	18,586	2,911
Mar	17,774	14,952	2,179
Apr	20,752	17,809	2,742
May	18,380	16,865	2,728
Jun	16,072	18,541	2,826
Jul	16,543	19,370	3,465
Aug	16,569	19,313	4,046
Sep	23,330	23,743	4,477
Oct	21,121	23,098	4,773
Nov	26,008	22,087	3,851
Dec	19,834	16,895	3,160
2023	**13,176**	**12,377**	**1,574**
Jan	5,776	4,419	887
Feb	3,481	6,396	1,489
Mar	0	3,389	991
Apr	22,903	22,033	3,360
May	9,422	9,047	1,534
Jun	20,446	20,264	1,993
Jul	11,519	9,875	1,246
Aug	24,440	21,556	2,158
Sep	30,522	17,247	1,807
Oct	9,636	8,906	926
Nov	16,491	15,513	1,512
Dec	11,023	10,119	1,053
Average	**154,356**	**16,094**	**2,504**

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WATER SYSTEM MONITORING REPORT

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

Row Labels	TW Storage Tank - Level (ft): weekly	TW Storage Tank - Temp (C): weekly	TW Storage Tank - cl2 residual (ppm): weekly
2022	**26**	**15**	**1.00**
Jan	22	13	0.56
Feb	26	10	0.80
Mar	29	11	0.99
Apr	27	12	0.74
May	29	15	1.17
Jun	27	17	0.88
Jul	24	18	1.09
Aug	25	17	1.17
Sep	28	19	1.28
Oct	27	18	0.98
Nov	22	13	1.50
Dec	25	12	0.77
2023	**21**	**15**	**0.80**
Jan	16	11	0.49
Feb	26	11	0.52
Mar	13	12	0.24
Apr	18	14	1.19
May	26	15	0.72
Jun	20	17	0.78
Jul	26	18	0.68
Aug	22	19	0.93
Sep	23	18	0.93
Oct	22	18	0.65
Nov	26	15	1.04
Dec	26	13	1.51
Average	**24**	**15**	**0.90**

LHW

December

La Honda Water System (W4100509)

CALIBRATION TURBIDITY	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA05758	12/28/23	Pass						
	Treated Water	AA05759	12/28/23	Pass						
CHLORINE RESIDUAL	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	14251 Pescadero Creek	AA06316	12/13/23	1.31	mg/L		SM 4500-Cl G	0.02	0.02	
COLIFORM MPN	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	Alpine Creek - Raw Water	AA06315	12/13/23	39.9	MPN/100mL		SM9223B-18 (MPN	1.0	1.0	
COLIFORM PA	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	14251 Pescadero Creek	AA06316	12/13/23	A	P/A		SM9223B-18			
E COLI MPN	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	Alpine Creek - Raw Water	AA06315	12/13/23	5.2	MPN/100mL		SM9223B-18 (MPN	1.0	1.0	
E COLI PA	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	14251 Pescadero Creek	AA06316	12/13/23	A	P/A		SM9223B-18			
HALO ACETI	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	Old Chlorination Station- Sam McDonald Park	AA06317	12/13/23	34	µg/L	60	EPA 552.2	2	1	
TTHM	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	Old Chlorination Station- Sam McDonald Park	AA06317	12/13/23	56	µg/L	80	EPA 551.1			
UV254	**SAMPLE POINT**	**SAMPLE ID**	**DATE**	**RESULT**	**UNIT**	**LIMIT**	**METHOD**	**DL**	**RL**	**TYPE**
	Alpine Creek - Raw Water	AA06396	12/13/23	.082	Abs/Tran		SM 5910B			
	Alpine Creek - Raw Water	AA06486	12/27/23	65.1	Abs/Tran		SM 5910B			
			HIGH 65.10	AVG 32.59	LOW 0.08					
	Treated Water	AA06397	12/13/23	.060	Abs/Tran		SM 5910B			
	Treated Water	AA06487	12/27/23	90.9	Abs/Tran		SM 5910B			
			HIGH 90.90	AVG 45.48	LOW 0.06					

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

Date of Report: 1/10/2024 System Name: La Honda Water System (CSA #7) System Number: CA4100509

Laboratory: BEI Analytical Laboratory Elap No: 3019 Signature of Lab Director: Lloyd W Bracewell

Report Period from: 12/1/2023 to 12/31/2023 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
12/13/2023			251 Pescadero	1	A	A	SM 9223B-18
12/13/2023			Alpine Creek Raw Water	4	39.9	5.2	SM 9223 B-18 (MPN)

1 = Routine
2 = Repeat
3 = Replacement
4 = Other

P = Present
A = Absent

Monthly Summary of Monitoring
For Surface Water Treatment Regulations

System Name: La Honda Water System (CSA #7) System Number: CA4100509

Treatment Plant Name: La Honda Water System (CSA #7) Month: December Year: 2023

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										
3										
4										
5										
6										
7										
8										
9										
10										
11	0.80					0.08	0.26		0.17	2.3
12	0.55					0.05	0.05	0.05	0.05	2.4
13	0.55		0.12	0.05	0.05	0.14	0.04	0.04	0.07	2.8
14	0.67		0.27	0.04	0.04	0.20	0.04	0.04	0.11	2.8
15	0.53		0.04	0.04	0.04				0.04	2.8
16										
17										
18										
19										
20										
21										
22	2.82						0.04	0.05	0.04	2.9
23	2.42		0.04	0.05	0.05	0.06	0.06	0.05	0.05	2.8
24	1.32		0.07						0.07	2.9
25										
26										
27										
28	1.91					0.06	0.07	0.06	0.06	3.0
29	2.02		0.07	0.07	0.06	0.08			0.07	2.7
30										
31										
Ave.	1.36								0.07	2.3

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

Total No. of Samples: 36 No. of Readings ≤ 0.3 NTU: 36 x

% 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

95th Percentile Value of all turbidity readings (95% of all turbidity readings are less than this value) 0.218

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)
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
9/27/2023	Hach, raw wtr	0/20 Formazin	9/27/2023	Hach, treated	0/20 Formazin
12/28/2023	Hach, raw wtr	0/20 Formazin	12/28/2023	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 - (Total number of samples with no residual and/or HPC > 500) / (Total number of residual and/or HPC samples collected)] 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 performance standards or operating criteria and corrective action taken or planned

Signature: Lloyd W Bennett

Date: 1/10/2024

La Honda Water System
County Service Area No. 7
CA4100509

Surface Water Contact Time Calculation

Water Resources Control Board
Division of Drinking Water
1 Lower Ragsdale, Bldg 1, Rm 120
Monterey, CA 93940

Date	Flow (gpd)	Flow (gpm)	Minimum Clearwell Volume (gal)	Short Circuiting Factor	Tank Detention Time (min)	Pipeline Volume (gal)	Pipeline Detention Time (min)	Finish Water Cl2 Residual (mg/L)	pH	Temperature (C)	Required CT	Total Contact Time (min-mg/L)	CT Ratio
12/1/2023													
12/2/2023													
12/3/2023													
12/4/2023													
12/5/2023													
12/6/2023													
12/7/2023													
12/8/2023													
12/9/2023													
12/10/2023													
12/11/2023	28,850	46.9	22,500	0.1	48	245	5.2	1.77	7.80	13.4	22.22	50.55	2.3
12/12/2023	37,500	46.9	22,500	0.1	48	245	5.2	2.01	7.91	13.4	23.73	57.47	2.4
12/13/2023	37,500	46.9	22,500	0.1	48	245	5.2	2.33	7.80	13.4	23.66	66.54	2.8
12/14/2023	37,500	46.9	22,500	0.1	48	245	5.2	2.21	7.75	13.4	22.91	63.30	2.8
12/15/2023	28,200	46.9	22,500	0.1	48	245	5.2	2.05	7.59	13.4	21.22	58.59	2.8
12/16/2023													
12/17/2023													
12/18/2023													
12/19/2023													
12/20/2023													
12/21/2023													
12/22/2023	28,200	46.9	22,500	0.1	48	245	5.2	2.10	7.61	13.8	20.93	59.99	2.9
12/23/2023	27,400	46.9	22,500	0.1	48	245	5.2	2.04	7.59	13.8	20.63	58.41	2.8
12/24/2023	27,400	46.9	22,500	0.1	48	245	5.2	2.07	7.57	13.8	20.61	59.30	2.9
12/25/2023													
12/26/2023													
12/27/2023													
12/28/2023	27,400	46.9	22,500	0.1	48	245	5.2	2.19	7.62	13.9	21.13	62.56	3.0
12/29/2023	59,700	46.9	22,500	0.1	48	245	5.2	1.99	7.71	13.9	21.33	56.81	2.7
12/30/2023													
12/31/2023													

Average	33,965	46.9	22,500	0.1	48	245	5.2	2.08	7.69	13.6	21.8	59.4	2.7
High	59,700	46.9	22,500	0.1	48	245	5.2	2.33	7.91	13.9	23.7	66.5	3.0
Low	27,400	46.9	22,500	0.1	48	245	5.2	1.77	7.57	13.4	20.6	50.6	2.3
Total	339,650												

State of California
Drinking Water Program

Water Resources Control Board

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: 4

1st Quarter

	Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
7/12/2010	April		1.10
	May		1.16
	June		1.09
	July		1.48
	August		1.63
	September		1.70
	October		1.29
	November		1.32
	December		1.06
Current Year	January	8	0.42
	February	5	0.56
	March	17	0.44
Running Annual Average (RAA):			1.10
Meets standard? (i.e. RAA $\leq$ 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		1.48
	August		1.63
	September		1.70
	October		1.29
	November		1.32
	December		1.06
Current Year	January		0.42
	February		0.56
	March		0.44
	April	7	0.86
	May	5	0.83
	June	6	0.81
Running Annual Average (RAA):			1.03
Meets standard? (i.e. RAA $\leq$ 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		1.29
	November		1.32
	December		1.06
Current Year	January		0.42
	February		0.56
	March		0.44
	April		0.86
	May		0.83
	June		0.81
	July	5	0.86
	August	6	1.11
	September	5	0.65
Running Annual Average (RAA):			0.85
Meets standard? (i.e. RAA $\leq$ MRDL of 4.0 mg/L as Cl_2)			Yes

4th Quarter

	Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
Current Year	January		0.42
	February		0.56
	March		0.44
	April		0.86
	May		0.83
	June		0.81
	July		0.86
	August		1.11
	September		0.65
	October	29	0.68
	November	8	1.04
	December	5	1.15
Running Annual Average (RAA):			0.78
Meets standard? (i.e. RAA $\leq$ MRDL of 4.0 mg/L as Cl_2)			Yes

Comments:

Signature: Lloyd W Bennett Date: 1/10/2024

State of California
Drinking Water Program

Water Resources Control Board

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

System Name: La Honda Water System (CSA #7) System No.: 4100509 Year: 2022 Quarter: 4

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	9/20	12/13
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	68.0	56.0
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	68.0	56.0
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	63.5	52.0
Meets Standard (80 ug/L)?*	Yes	Yes	No	No	No	No	Yes	Yes	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	1	1

Identify the sample locations in the table below.

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

Signature

1/10/2024
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.

State of California
Drinking Water Program

Department of Public Health

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

System Name: La Honda Water System System No.: 4100509 Year: 2022 Quarter: 4

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	9/20	12/13
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	42.0	34.0
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	42.0	34.0
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	45.0	31.8
Meets Standard (60 ug/L)?*	Yes	Yes	Yes	Yes	No	No	No	Yes	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	1	1

Identify the sample locations in the table below.

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

Lloyd W Baccendl

Signature

1/10/2024

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.