



BRACEWELL ENGINEERING, INC.

155 MAST STREET, UNIT 114, MORGAN HILL, CA 95037

(669) 258-5820 FAX (408) 498-7045

www.bracewellengineering.com

July 10, 2025

District Engineer

State Water Resources Control Board-Division of Drinking Water

850 Marina Bay Parkway, Building P, 2nd Floor

Richmond, CA 94804

Re: June 2025 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 following:

1. Monitoring Report
 2. Lab Results
 3. Coliform Reporting Form
 4. Surface Water Reports
 5. Quarterly Report for Disinfectant Residuals Compliance
 6. Quarterly TTHM & HAA5 Reports for Disinfection Byproducts Compliance
- The quarterly disinfection byproducts monitoring was completed and the TTHM running annual average of 60.5 ug/L was in compliance with its MCL of 80 ug/L and the HAA5 running annual average of 51.5 ug/L was not in compliance with its MCL of 60 ug/L.
 - We will be servicing the Storage Tank aeration pump in the coming month in an attempt to get the aeration system operating again before temperatures increase over summer.
 - The monthly distribution system treated water bacteriological sample showed an absence of total coliforms and E. coli.
 - Chlorine residuals were maintained as required.
 - The minimum Disinfection CT ratio was 4.5 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.

Alan Bracewell
Staff Engineer

Lhw Log Sheets

Location			Plant On	Raw Water	Raw Water	Treated Water	Backwash	Inlet	Inlet	Inlet	Inlet	Creek	Air	Air
Parameter			SW Plant	Tank	Flow	Average Flow	Flow	pH	Max Turbidity	Turbidity	Temp.	Water Level	Temp	Percip
frequency			daily	daily	calculation	calculation	calculation	weekly	daily	weekly	weekly	monthly	daily	daily
Units			Y/N	ft	gal/d	gal/d	gal/d	units	ntu	ntu	C	inches	C	%
Type				level	flow		flow		Analyzer	Grab	Grab	grab		
High Limit														
Low Limit														
Date	Initials	Time												
6/1/2025			N		13,567	-	1,036							
6/2/2025	KB	1200	Y	14.09	13,567	42,800	1,036	8.5	1.22	1.80	15.7		20.1	32%
6/3/2025			Y		63,787	55,750	5,650							
6/4/2025	KB	1145	Y	14.15	63,787	55,750	5,650		3.04				18.9	34%
6/5/2025			Y		62,356	54,450	5,650							
6/6/2025	KB	1000	Y	14.35	62,356	54,450	5,650		0.81				16.9	35%
6/7/2025			N		507	-	-							
6/8/2025			N		507	-	-							
6/9/2025	KB	1400	Y	13.01	507	1,600	-	8.4	2.33	1.85	15.5		18.2	34%
6/10/2025			Y		13,963	28,533	1,229							
6/11/2025			Y		13,963	28,533	1,229							
6/12/2025			N		13,963	-	1,229							
6/13/2025			N		13,963	-	1,229							
6/14/2025			N		13,963	-	1,229							
6/15/2025			N		13,963	-	1,229							
6/16/2025	KB	1100	Y	14.69	13,963	28,533	1,229	8.6	1.50	1.42	15.2		13.8	36%
6/17/2025			Y		63,036	55,750	4,150							
6/18/2025	KB	1000	Y	14.46	63,036	55,750	4,150		0.79				15.1	35%
6/19/2025			N		7,112	-	580							
6/20/2025			N		7,112	-	580							
6/21/2025			N		7,112	-	580							
6/22/2025			N		7,112	-	580							
6/23/2025	KB	830	Y	14.7	7,112	31,600	580	8.5	6.83	7.48	14.5		11.7	38%
6/24/2025			Y		63,773	56,000	5,600							
6/25/2025	KB	930	Y	14.44	63,773	56,000	5,600		0.81				12	41%
6/26/2025			N		1,763	-	-							
6/27/2025			N		1,763	-	-							
6/28/2025			N		1,763	-	-							
6/29/2025			N		1,763	-	-							
6/30/2025	KB	1100	Y	14.98	1,763	8,300	3,733	8.5	1.74	2.14	16.8	13"	19.6	34%
Min				13.01	507	-	-	8.4	0.791	1.42	14.5	0	11.7	32%
Max				14.98	63,787	56,000	5,650	8.6	6.834	7.48	16.8	0	20.1	41%
Average				14.32	22,556	20,460	1,980	8.5	2.12	2.94	15.5		16.3	40%
Total					676,673	613,800	59,406							

Lhw Log Sheets

[illegible]

LHW

La Honda Water System (W4100509)										
June										
CALIBRATION TURBIDITY	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA17930	6/27/25	Pass						
	Treated Water	AA17931	6/27/25	Pass						
CHLORINE RESIDUAL	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Old Chlorination Station- Sam McDonald Park	AA18815	6/3/25	1.39	mg/L		SM 4500-Cl G	0.02	0.02	Routine
COLIFORM MPN	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA18814	6/3/25	344.8	MPN/100mL		SM9223B-18 (MPN)	1.0	1.0	Other
COLIFORM PA	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Old Chlorination Station- Sam McDonald Park	AA18815	6/3/25	A	P/A		SM9223B-18			Routine
E COLI MPN	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA18814	6/3/25	83.0	MPN/100mL		SM9223B-18 (MPN)	1.0	1.0	Other
E COLI PA	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Old Chlorination Station- Sam McDonald Park	AA18815	6/3/25	A	P/A		SM9223B-18			Routine
HALO ACETI	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Old Chlorination Station- Sam McDonald Park	AA18816	6/3/25	39	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	AA18816	6/3/25	47	µg/L	80	EPA 551.1			
UV254 PERF	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA18893	6/3/25	0.076	1/cm		SM 5910B			
	Treated Water	AA18894	6/3/25	0.059	1/cm		SM 5910B			

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: June Year: 2025

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	1.80					0.10	0.08	0.12	0.10	5.1
3	2.93		0.08	0.08	0.15	0.08	0.08	0.12	0.10	5.9
4	3.61		0.08	0.08	0.08	0.09	0.08	0.08	0.08	6.3
5	3.21		0.08	0.08	0.07	0.09	0.08	0.07	0.08	6.2
6	1.16		0.09	0.08	0.07				0.08	5.2
7										
8										
9	2.71					0.07	0.09	0.07	0.08	6.5
10	1.21		0.07	0.07	0.07	0.07	0.08	0.07	0.07	5.5
11	2.10		0.07						0.07	4.5
12										
13										
14										
15										
16	6.93				0.07	0.09	0.08	0.07	0.08	8.2
17	1.19		0.11	0.08	0.07	0.12	0.08	0.07	0.09	8.0
18	1.09		0.07	0.08	0.07	0.14	0.08	0.08	0.09	6.6
19										
20										
21										
22										
23	3.58					0.11	0.09	0.08	0.09	5.6
24	1.06		0.16	0.09	0.08		0.09	0.08	0.10	5.6
25	1.10		0.08	0.09	0.08	0.08			0.08	5.2
26										
27										
28										
29										
30	4.16					0.10	0.05	0.04	0.06	5.0
31										
Ave.	2.52								0.08	4.5

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

Total No. of Samples: 65 No. of Readings ≤ 0.3 NTU: 65

% 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) / (Average Raw NTU)] x 100 = 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) 0.123

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)
3/28/2024	Hach, raw wtr	0/20 Formazin	3/28/2024	Hach, treated	0/20 Formazin
6/25/2024	Hach, raw wtr	0/20 Formazin	6/25/2024	Hach, treated	0/20 Formazin
6/25/2024	Hach, raw wtr	0/20 Formazin	6/25/2024	Hach, treated	0/20 Formazin
9/19/2024	Hach, raw wtr	0/20 Formazin	9/19/2024	Hach, treated	0/20 Formazin
12/19/2024	Hach, raw wtr	0/20 Formazin	12/19/2024	Hach, treated	0/20 Formazin
3/28/2025	Hach, raw wtr	0/20 Formazin	3/28/2025	Hach, treated	0/20 Formazin
6/27/2025	Hach, raw wtr	0/20 Formazin	6/27/2025	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 $V = \left[1 - \left(\frac{\text{Total number of samples with no residual and/or HPC} > 500}{\text{Total number of residual and/or HPC samples collected}} \right) \right] \times 100 =$ 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:

Gregory A. Brannen

Date:

7/10/2025

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

System Name: La Honda Water System (CSA #7) System No.: CA4100509

Calendar Year: 2025 Quarter: 2

1st Quarter		
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
7/12/2010 Previous Year	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
	January	1.24
Current Year	January	12
	February	11
	March	5
Running Annual Average (RAA):		1.22
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	1.48
	August	1.63
	September	1.70
	October	1.29
	November	1.32
	December	1.06
	January	0.81
	February	0.81
	March	1.24
	April	0.58
Current Year	April	5
	May	4
	June	5
Running Annual Average (RAA):		1.15
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	1.29
	November	1.32
	December	1.06
Current Year	January	0.81
	February	0.81
	March	1.24
	April	0.58
	May	0.87
	June	1.07
	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	0.81
	February	0.81
	March	1.24
	April	0.58
	May	0.87
	June	1.07
	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: *Steph A. Baccantini*

Date: 7/10/2025

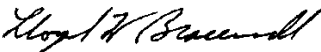
Quarterly TTHM Report for Disinfection Byproducts Compliance (in µg/L or ppb)

System Name: La Honda Water System (CSA #7) System No.: CA4100509 Year: 2025 Quarter: 2

Year:	2021				2022				2023				2024				2025			
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):	3/1	6/14	9/8	12/7	3/1	6/14	9/13	12/13	3/28	6/13	9/20	12/13	3/19	6/24	9/18	12/10	3/20	6/3		
Site 1	38.0	71.0	53.0	75.1	31.0	65.0	80.0	102.0	44.0	40.0	68.0	56.0	42.0	92.0	59.0	51.0	85.0	47.0		
Quarterly Average	38.0	71.0	53.0	75.1	31.0	65.0	80.0	102.0	44.0	40.0	68.0	56.0	42.0	92.0	59.0	51.0	85.0	47.0		
Running Annual Average	77.7	79.8	90.2	59.3	57.5	56.0	62.8	69.5	72.8	66.5	63.5	52.0	51.5	64.5	62.3	61.0	71.8	60.5		
Meets Standard (80 ug/L)?*	Yes	Yes	No	Yes	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		

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

7/10/2025

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.

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

System Name: La Honda Water System System No.: CA4100509 Year: 2025 Quarter: 2

Year:	2021				2022				2023				2024				2025			
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):	3/1	6/14	9/8	12/7	3/1	6/14	9/13	12/13	3/28	6/13	9/20	12/13	3/19	6/24	9/18	12/10	3/20	6/3		
Site 1	25.0	55.0	19.0	40.0	22.0	35.0	43.0	87.0	19.0	32.0	42.0	34.0	31.0	88.0	61.0	47.0	59.0	39.0		
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	25.0	55.0	19.0	40.0	22.0	35.0	43.0	87.0	19.0	32.0	42.0	34.0	31.0	88.0	61.0	47.0	59.0	39.0		
Running Annual Average	41.5	42.1	53.0	34.8	34.0	29.0	35.0	46.8	46.0	45.3	45.0	31.8	34.8	48.8	53.5	56.8	63.8	51.5		
Meets Standard (60 ug/L)?*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	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	Sample Location
1	Old Chlorination Station
2	
3	
4	
5	
6	
7	
8	
9	
10	
11	
12	

Gregory W. Baccantelli 7/10/2025
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.

Date of Report: July 07, 2025

Laboratory: BEI Analytical Laboratory (ELAP 3019)

Report Period: June, 2025

System Name: **La Honda Water System**

System Number: CA4100509

Collection Date	Site Name	Analyte	Sample Type	Result	Remarks	Sampler
6/3/2025	Alpine Creek - Raw Water	Coliform	Other	344.8	SM9223B-18 (MPN)	Keefe Brennan
6/3/2025	Alpine Creek - Raw Water	E. Coli	Other	83.0	SM9223B-18 (MPN)	Keefe Brennan
6/3/2025	Old Chlorination Station- Sam McDonald	COLIFORM	Routine	A	SM9223B-18	Keefe Brennan
6/3/2025	Old Chlorination Station- Sam McDonald	E. COLI	Routine	A	SM9223B-18	Keefe Brennan

1 = Routine
2 = Repeat
3 = Replacement
4 = Other
P = Present
A = Absent