



BRACEWELL ENGINEERING, INC.

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May 15, 2025

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

Re: March 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 71.8 ug/L was in compliance with its MCL of 80 ug/L and the HAA5 running annual average of 63.8 ug/L was not in compliance with its MCL of 60 ug/L.
 - The HAA5 result from June was reported incorrectly. The outside laboratory recently issued an amended lab report, which revised the result. As a result of this correction, the running annual average is now out of compliance.
 - The TTHM result of 85 ug/L exceeded the MCL of 80 ug/L. The elevated TTHM result is likely due to the recent issues with the aeration system. The exceedance is not a violation as the DBP MCL is evaluated on a running annual average.
 - The data logger at the Storage Tank was removed and we are waiting on the findings.
 - 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 1.2 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												
3/1/2025			N		13,916	-	1,450							
3/2/2025			N		13,916	-	1,450							
3/3/2025	KB	1030	Y	6.94	13,916	24,000	1,450	8.4	1.81	2.32	12.5		9.8	38%
3/4/2025			N		1,208	-	414							
3/5/2025			N		1,208	-	414							
3/6/2025			N		1,208	-	414							
3/7/2025			N		1,208	-	414							
3/8/2025			N		1,208	-	414							
3/9/2025			N		1,208	-	414							
3/10/2025	Jo	1420	Y	6.54	1,208	7,100	414	7.9	9.04	8.50	12.8		15	45%
3/11/2025			N		1,194	-	-							
3/12/2025			N		1,194	-	-							
3/13/2025			N		1,194	-	-							
3/14/2025			N		1,194	-	-							
3/15/2025			N		1,194	-	-							
3/16/2025			N		1,194	-	-							
3/17/2025			N		1,194	-	-							
3/18/2025			N		1,194	-	-							
3/19/2025			N		1,194	-	-							
3/20/2025			N		1,194	-	-							
3/21/2025			N		1,194	-	-							
3/22/2025			N		1,194	-	-							
3/23/2025			N		1,194	-	-							
3/24/2025	MM/JO/MR	1150	Y	7.69	1,194	15,000	-	7.8	6.10	6.89			20	32%
3/25/2025			Y		64,501	55,600	8,500							
3/26/2025	KB/MM	1230	Y	13.17	64,501	55,600	8,500			2.38			12.9	36%
3/27/2025			N		13,058	-	2,850							
3/28/2025	MR/MM	1031	Y	14.24	13,058	22,100	2,850		1.55				10.9	40%
3/29/2025			Y		65,047	56,633	7,600							
3/30/2025			Y		65,047	56,633	7,600							
3/31/2025	KB	1200	Y	13.8	65,047	56,633	7,600	8.4	2.25	2.44	13.3	16"	11.4	40%
Min				6.54	1,194	-	-	7.8	1.552	2.32	12.5	0	9.8	32%
Max				14.24	65,047	56,633	8,500	8.4	9.04	8.5	13.3	0	20	45%
Average				10.4	13,457	11,268	1,702	8.1	4.15	4.51	12.9		13.3	39%
Total					417,179	349,300	52,750							

Lhw Log Sheets

[illegible]

Lhw Log Sheets

Location	TW Storage Tank	TW Storage Tank	Routine Sample Site		
Parameter	pH	cl2 residual	Cl2 Residual		
frequency	weekly	weekly	as needed		
Units	Units	ppm	mg/L		
Type			grab		
High Limit	8.5	2			
Low Limit	7.5	0.3			
Date					
3/1/2025					
3/2/2025					
3/3/2025	7.9	0.68			
3/4/2025			1.59		
3/5/2025					
3/6/2025					
3/7/2025					
3/8/2025					
3/9/2025					
3/10/2025			1.89		
3/11/2025					
3/12/2025					
3/13/2025					
3/14/2025					
3/15/2025					
3/16/2025					
3/17/2025					
3/18/2025			0.29		
3/19/2025					
3/20/2025					
3/21/2025					
3/22/2025					
3/23/2025					
3/24/2025					
3/25/2025					
3/26/2025	8.1	0.78	1.41		
3/27/2025					
3/28/2025					
3/29/2025					
3/30/2025					
3/31/2025					
Min	7.9	0.68	0.29		
Max	8.1	0.78	1.89		
Average	8	0.73	1.3		
Total					

LHW

March

La Honda Water System (W4100509)

CALIBRATION TURBIDITY	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA11546	3/31/25	Pass						
	Treated Water	AA11547	3/31/25	Pass						
CHLORINE RESIDUAL	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	APN 083-240-070 (No site address)	AA12125	3/11/25	1.01	mg/L		SM 4500-CI G	0.02	0.02	Routine
COLIFORM MPN	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA12124	3/11/25	86.2	MPN/100mL		SM9223B-18 (MPN)	1.0	1.0	Other
COLIFORM PA	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	APN 083-240-070 (No site address)	AA12125	3/11/25	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	AA12124	3/11/25	9.7	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
	APN 083-240-070 (No site address)	AA12125	3/11/25	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	AA12126	3/20/25	59	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	AA12126	3/20/25	85	µg/L	80	EPA 551.1			
UV254 PERF	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA12194	3/3/25	0.126	1/cm		SM 5910B			
	Alpine Creek - Raw Water	AA17764	3/26/25	0.098	1/cm		SM 5910B			
			HIGH 0.13	AVG 0.11	LOW 0.10					
	Treated Water	AA12195	3/3/25	0.084	1/cm		SM 5910B			
	Treated Water	AA17765	3/26/25	0.051	1/cm		SM 5910B			
			HIGH 0.08	AVG 0.07	LOW 0.05					

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

Date of Report: April 07, 2025

Laboratory: BEI Analytical Laboratory (ELAP 3019)

Report Period: March, 2025

System Name: **La Honda Water System**

System Number: **CA4100509**

Collection Date	Site Name	Analyte	Sample Type	Result	Remarks	Sampler
3/11/2025	Alpine Creek - Raw Water	Coliform	Other	86.2	SM9223B-18 (MPN)	Keefe Brennan
3/11/2025	Alpine Creek - Raw Water	E. Coli	Other	9.7	SM9223B-18 (MPN)	Keefe Brennan
3/11/2025	APN 083-240-070 (No site address)	COLIFORM	Routine	A	SM9223B-18	Keefe Brennan
3/11/2025	APN 083-240-070 (No site address)	E. COLI	Routine	A	SM9223B-18	Keefe Brennan

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: March 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										
3	3.19				0.06	0.06			0.06	1.6
4										
5										
6										
7										
8										
9										
10	7.99						0.07	0.06	0.07	1.5
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										
22										
23										
24	6.75					0.08	0.07	0.07	0.07	1.5
25	4.04		0.07	0.07	0.08	0.07	0.07	0.07	0.07	1.3
26	3.16		0.08	0.07	0.08	0.07	0.08	0.07	0.07	1.2
27										
28	2.80				0.07	0.09	0.08	0.09	0.08	1.5
29	2.09		0.08	0.09	0.07	0.10	0.08	0.12	0.09	1.4
30	2.36		0.08	0.16	0.08	0.08	0.08		0.09	1.3
31	6.26		0.08	0.07	0.08	0.08	0.09	0.09	0.08	1.2
Ave.	4.29								0.08	1.2

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

Total No. of Samples: 40 No. of Readings \leq 0.3 NTU: 40

% Readings \leq 0.3 NTU = $[(\text{No. Readings} \leq 0.3 \text{ NTU}) / (\text{Total No. Samples})] \times 100 =$ 100%

Meets Standard (i.e. more than 95% of readings are \leq 0.3 NTU) (Y/N)? Y

Percent reduction during the month = $\frac{[(\text{Average Raw NTU} - \text{Average Effluent NTU})]}{(\text{Average Raw NTU})} \times 100 =$ 98%

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) 0.102

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

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 $V = [1 - (\text{Total number of samples with no residual and/or HPC} > 500) / (\text{Total number of residual and/or HPC samples collected})] \times 100 =$ 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:

Gregory A. Brannen

Date:

4/10/2025

[illegible]

**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: 1

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
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
Current Year	January	0.81
	February	0.81
	March	1.24
	April	
	May	
	June	
Running Annual Average (RAA):		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		

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	
	May	
	June	
	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	
	May	
	June	
	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: *Gregory A. Baccantelli*

Date: 4/10/2025

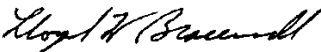
Quarterly TTHM Report for Disinfection Byproducts Compliance (in µg/L or ppb)

System Name: La Honda Water System (CSA #7) System No.: CA4100509 Year: 2025 Quarter: 1

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			
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			
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			
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			
Meets Standard (80 ug/L)?*	Yes	Yes	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			

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

4/10/2025

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: 1

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			
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			
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			
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			
Meets Standard (60 ug/L)?*	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No			
Number of Samples Taken	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	

Logan W. Brumwell 5/15/2025
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.