



BRACEWELL ENGINEERING, INC.

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

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www.bracewellengineering.com

February 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: January 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. BWN
- On 1/13, a leak was reported on Pope Road due to a tree pushing against the water main.
 - Shut-Off Notices were issued noting that water would be shutoff on 1/15 for repairs.
 - On 1/15 water was shutoff to the area, repairs were made, and Boil Water Notices were distributed to the affected customers.
 - On 1/16 and 1/17 coliform samples were collected.
 - Both sets of coliform samples tested negative, and Cancellation Notices were issued on 1/21.
 - 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 2.0 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												
1/1/2025			N		-	-	580							
1/2/2025	KB	930	Y	14.11	17,045	39,300	580	8.62	4.73	5.64	12.2		10.9	38%
1/3/2025			Y		17,045	42,150	2,091							
1/4/2025			Y		17,045	42,150	2,091							
1/5/2025			Y		17,045	42,150	2,091							
1/6/2025			N		17,045	-	2,091							
1/7/2025			N		17,045	-	2,091							
1/8/2025			N		17,045	-	2,091							
1/9/2025			N		17,045	-	2,091							
1/10/2025			N		17,045	-	2,091							
1/11/2025			N		17,045	-	2,091							
1/12/2025			N		17,045	-	2,091							
1/13/2025	Kb/Jo	1200	Y	13.72	17,045	42,150	2,091	8.4	2.46	3.32	12.5		11.5	37%
1/14/2025			Y		66,388	56,100	7,100							
1/15/2025	KB	1530	Y	13.23	66,388	56,100	7,100		0.79				13.1	35%
1/16/2025			Y		7,585	19,400	967							
1/17/2025			N		7,585	-	967							
1/18/2025			N		7,585	-	967							
1/19/2025			N		7,585	-	967							
1/20/2025			N		7,585	-	967							
1/21/2025	KB	1245	Y	13.55	7,585	19,400	967		0.98				14.2	35%
1/22/2025	KB	1000	Y	13.08	54,107	45,700	5,800	8.52	0.69	0.94	10.6		10.4	36%
1/23/2025			N		5,291	-	580							
1/24/2025			N		5,291	-	580							
1/25/2025			N		5,291	-	580							
1/26/2025			N		5,291	-	580							
1/27/2025	Jo	1300	Y	13.43	5,291	23,300	580	7.8	0.05	0.62	11.7		11.1	36%
1/28/2025			Y		7,547	36,000	791							
1/29/2025			N		7,547	-	791							
1/30/2025			N		7,547	-	791							
1/31/2025			N		7,547	-	791							
Min				13.08	-	-	580	7.8	0.048	0.62	10.6	0	10.4	35%
Max				14.11	66,388	56,100	7,100	8.62	4.732	5.64	12.5	0	14.2	38%
Average				13.52	15,922	14,965	1,807	8.3	1.616	2.63	11.8		11.9	0%
Total					493,575	463,900	56,024							

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					
1/1/2025					
1/2/2025			0.32		
1/3/2025	8.02	1.55			
1/4/2025					
1/5/2025					
1/6/2025					
1/7/2025					
1/8/2025	7.99	0.68	0.49		
1/9/2025					
1/10/2025					
1/11/2025					
1/12/2025					
1/13/2025	7.9	0.22			
1/14/2025			0.58		
1/15/2025					
1/16/2025					
1/17/2025					
1/18/2025					
1/19/2025					
1/20/2025					
1/21/2025					
1/22/2025	7.9	1.71	1.22		
1/23/2025					
1/24/2025					
1/25/2025					
1/26/2025					
1/27/2025	7.94	0.27			
1/28/2025					
1/29/2025					
1/30/2025					
1/31/2025					
Min	7.9	0.22	0.32		
Max	8.02	1.71	1.22		
Average	7.95	0.89	0.65		
Total					

LHW

January

La Honda Water System (W4100509)

CHLORINE RESIDUAL	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	1 Memory	AA11749	1/17/25	1.07	mg/L		SM 4500-CI G	0.02	0.02	Other
		AA11748	1/16/25	1.21	mg/L		SM 4500-CI G	0.02	0.02	Other
			HIGH 1.21	AVG 1.14	LOW 1.07					
	10 Pope Rd	AA11752	1/17/25	0.43	mg/L		SM 4500-CI G	0.02	0.02	Other
		AA11751	1/16/25	1.57	mg/L		SM 4500-CI G	0.02	0.02	Other
			HIGH 1.57	AVG 1.00	LOW 0.43					
	13460 Pescadero Creek	AA11545	1/14/25	0.58	mg/L		SM 4500-CI G	0.02	0.02	Routine
	8181 La Hona Road	AA11747	1/17/25	0.46	mg/L		SM 4500-CI G	0.02	0.02	Other
	8181 La Honda Road	AA11746	1/16/25	1.40	mg/L		SM 4500-CI G	0.02	0.02	Other
			HIGH 1.40	AVG 0.93	LOW 0.46					
COLIFORM MPN	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA11544	1/14/25	107.6	MPN/100mL		SM9223B-18 (MPN)	1.0	1.0	Other
COLIFORM PA	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	1 Memory	AA11749	1/17/25	A	P/A		SM9223B-18			Other
		AA11748	1/16/25	A	P/A		SM9223B-18			Other
			HIGH	AVG	LOW					
	10 Pope Rd	AA11751	1/16/25	A	P/A		SM9223B-18			Other
		AA11752	1/17/25	A	P/A		SM9223B-18			Other
			HIGH	AVG	LOW					
	13460 Pescadero Creek	AA11545	1/14/25	A	P/A		SM9223B-18			Routine
	8181 La Hona Road	AA11747	1/17/25	A	P/A		SM9223B-18			Other
	8181 La Honda Road	AA11746	1/16/25	A	P/A		SM9223B-18			Other
			HIGH	AVG	LOW					
E COLI MPN	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA11544	1/14/25	16.1	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
	1 Memory	AA11749	1/17/25	A	P/A		SM9223B-18			Other
		AA11748	1/16/25	A	P/A		SM9223B-18			Other
			HIGH	AVG	LOW					
	10 Pope Rd	AA11751	1/16/25	A	P/A		SM9223B-18			Other
		AA11752	1/17/25	A	P/A		SM9223B-18			Other
			HIGH	AVG	LOW					
	13460 Pescadero Creek	AA11545	1/14/25	A	P/A		SM9223B-18			Routine
	8181 La Hona Road	AA11747	1/17/25	A	P/A		SM9223B-18			Other
	8181 La Honda Road	AA11746	1/16/25	A	P/A		SM9223B-18			Other
			HIGH	AVG	LOW					
IRON	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA11548	1/14/25	50	µg/L		EPA 200.7	10	30	
NITRATE	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE

January

La Honda Water System (W4100509)

UV254 PERF	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA11549	1/14/25	<0.4	mg/L as N	10	SM 4500-NO3-D	1.60	0.20	
	Alpine Creek - Raw Water	AA11446	1/3/25	0.175	1/cm		SM 5910B			
	Alpine Creek - Raw Water	AA11700	1/14/25	0.082	1/cm		SM 5910B			
	Alpine Creek - Raw Water	AA11806	1/28/25	0.094	1/cm		SM 5910B			
			HIGH 0.18	AVG 0.12	LOW 0.08					
	Treated Water	AA11447	1/3/25	0.086	1/cm		SM 5910B			
	Treated Water	AA11701	1/14/25	0.071	1/cm		SM 5910B			
	Treated Water	AA11807	1/28/25	0.079	1/cm		SM 5910B			
			HIGH 0.09	AVG 0.08	LOW 0.07					

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

Date of Report: February 03, 2025

Laboratory: BEI Analytical Laboratory (ELAP 3019)

Report Period: January, 2025

System Name: **La Honda Water System**

System Number: **CA4100509**

Collection Date	Site Name	Analyte	Sample Type	Result	Remarks	Sampler
1/14/2025	Alpine Creek - Raw Water	Coliform	Other	107.6	SM9223B-18 (MPN)	Keefe Brennan
1/14/2025	Alpine Creek - Raw Water	E. Coli	Other	16.1	SM9223B-18 (MPN)	Keefe Brennan
1/14/2025	13460 Pescadero Creek	COLIFORM	Routine	A	SM9223B-18	Keefe Brennan
1/14/2025	13460 Pescadero Creek	E. COLI	Routine	A	SM9223B-18	Keefe Brennan
1/16/2025	8181 La Honda Road	COLIFORM	Other	A	SM9223B-18	Keefe Brennan
1/16/2025	8181 La Honda Road	E. COLI	Other	A	SM9223B-18	Keefe Brennan
1/16/2025	1 Memory	COLIFORM	Other	A	SM9223B-18	Keefe Brennan
1/16/2025	1 Memory	E. COLI	Other	A	SM9223B-18	Keefe Brennan
1/16/2025	10 Pope Rd	COLIFORM	Other	A	SM9223B-18	Keefe Brennan
1/16/2025	10 Pope Rd	E. COLI	Other	A	SM9223B-18	Keefe Brennan
1/17/2025	8181 La Hona Road	COLIFORM	Other	A	SM9223B-18	Keefe Brennan
1/17/2025	8181 La Hona Road	E. COLI	Other	A	SM9223B-18	Keefe Brennan
1/17/2025	1 Memory	COLIFORM	Other	A	SM9223B-18	Keefe Brennan
1/17/2025	1 Memory	E. COLI	Other	A	SM9223B-18	Keefe Brennan
1/17/2025	10 Pope Rd	COLIFORM	Other	A	SM9223B-18	Keefe Brennan
1/17/2025	10 Pope Rd	E. COLI	Other	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: January 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	9.81					0.04	0.05	0.04	0.04	3.7
3	6.05		0.07	0.05	0.04	0.05	0.05	0.05	0.05	3.3
4	5.03		0.05	0.04	0.06	0.04	0.11	0.04	0.06	3.3
5	5.94		0.04	0.05	0.04	0.04			0.04	3.3
6										
7										
8										
9										
10										
11										
12										
13	4.87						0.04	0.07	0.06	3.5
14	1.51		0.05	0.04	0.05	0.04	0.10	0.04	0.05	3.2
15	1.27		0.04	0.05	0.04	0.12	0.04	0.04	0.06	2.2
16	1.16		0.05	0.04	0.13				0.07	2.1
17										
18										
19										
20										
21	4.00					0.05	0.05	0.05	0.05	2.4
22	0.92		0.05	0.05	0.07	0.05	0.05	0.05	0.05	2.0
23										
24										
25										
26										
27	3.60					0.04	0.05	0.15	0.08	2.6
28	1.01		0.05	0.05	0.06	0.05	0.15	0.05	0.07	2.9
29										
30										
31										
Ave.	3.76								0.06	2.0

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

Total No. of Samples: 54 No. of Readings ≤ 0.3 NTU: 54

% 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 = 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) 0.124

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)
1/27/2023	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
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

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 W. Baccantelli

Date:

2/10/2025

WATER SHUT-OFF NOTICE

**San Mateo County Service Area 7
La Honda, CA
Wednesday 1/15/25 - 9:00am to 3pm**

This water service interruption is necessary to repair a leak in the water system.

During this time, you will be unable to use water for any purposes: to do laundry, take showers, or flush toilets.

The Contractor will work as quickly as possible to turn your water service back on.

If you have any questions or concerns, please call:

San Mateo County Public Works
Administration Office 650-363-4100 or
Leon Bruk 650-599-1417

Bracewell Engineering Emergency Line
831-673-5508

What to Expect Following a Water Service Shutdown

When there is a water shutdown, the sediment that naturally occurs in the water piping system is disturbed. This disturbance can cause the water from the faucets and toilets to appear rust colored. You may notice this discoloration or sediment when the water service resumes. You may wish to store tap water in your refrigerators on the day of the work or drink bottled water. Once the services return, running your tap should clear the water of rust discoloration. You may also notice the water having a "milky" color or the water "spurting" as it comes out of the tap. This is caused by air being trapped in the lines when the water is shut off. Running faucets in various parts of your home for a few minutes should take care of the problem. It is also suggested that you check your water before doing laundry because the discolored water may stain your clothes.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este aviso contiene información muy importante sobre su agua potable. Para una copia en español, favor de llamar al sistema de agua (650) 363-4100.

CSA 7 Water System (4100509) 1/15/25

BOIL WATER NOTICE

Boil Your Water Before Drinking or Food Preparation to Avoid Illness

Due to the recent water main break and shutdown which occurred on 1/15/25 the State Water Resources Control Board, Division of Drinking Water, the San Mateo County Health Department, and the County Service Area 7 Water System are advising residents of County Service Area 7 to only use boiled tap water or bottled water for drinking and cooking purposes as a safety precaution to avoid stomach or intestinal illness. The affected area includes: Pope Road, Section Below Pope Road, Memory Lane, and Trailer Park. We will inform you when tests show that water is safe to drink, and you no longer need to boil your water. We anticipate resolving the problem within one week.

If you have questions about other uses of tap water, such as bathing and dish washing, please call your water system or read this guidance: <https://www.cdc.gov/healthywater/emergency/dwa-comm-toolbox/before/tools/What-to-Do-During-aBoil-Water-Advisory.docx>

Do not drink the water without boiling it first

- Boil all water for one (1) minute (rolling boil).
- Let water cool before drinking.
- Use boiled or bottled water for drinking, brushing teeth, and food preparation until further notice.
- Boiling water kills bacteria and other organisms in the water.

If you are unable to boil your water:

Household unscented liquid bleach

- For clear water, use 8 drops (1/8 tsp.) of bleach for 1 gallon of water. For cloudy water, filter through a clean cloth and use 16 drops (1/4 tsp.) of bleach for 1 gallon of water.
- Mix well. Allow to stand for 30 minutes before using.
- Water may taste or smell like chlorine. This means disinfection has occurred. Water disinfection tablets
- Please follow the manufacturer's instructions.

For More Information

If you are concerned about your health or the health of a family member, contact your health care provider or

Water Utility contact: County of San Mateo Public Works – Utility Section (650) 3634100

State Water Resources Control Board District Office: (510) 620-3474

Local Environmental Health Jurisdiction: County of San Mateo Environmental Health (650) 372-6200

Please share or post this information with others who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this notice in a public place or distributing copies by hand or mail.

DATE: 1/21/2025

CANCELLATION OF BOIL WATER NOTICE

On 1/15/2025 you were notified of the need to boil/disinfect all tap water used for drinking and cooking purposes.

CSA7 in conjunction with the State Water Resources Control Board, Division of Drinking Water, has determined that, through abatement of the health hazard and comprehensive testing of the water, your water is safe to drink. **It is no longer necessary to boil your tap water or for you to consume bottled water.**

For more information call:

Water Utility Contact: Bracewell Engineering, 831-673-5508

Water Resources Control Board, Division of Drinking Water - Field Operations Branch,
Richmond Field Office at (510) 620-3474.