April 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: March 2024 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 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 2.8 for a DDW required 1- log removal for Giardia.
- The quarterly disinfection byproducts monitoring was completed and the TTHM running annual average of 51.5 ug/L was in compliance with its MCL of 80 ug/L and the HAA5 running annual average of 34.8 ug/L was in compliance with its MCL of 60 ug/L.

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

Respectfully submitted,

BRACEWELL ENGINEERING, INC.

Alan Bracewell Staff Engineer

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					
3/1/2024			N		13,809	-	1,586
3/2/2024			N		13,809	-	1,586
3/3/2024			N		13,809	-	1,586
3/4/2024			N		13,809	-	1,586
3/5/2024			N		13,809	-	1,586
3/6/2024	KB	1030	N	14.39	13,809	-	1,586
3/7/2024			N		72	-	-
3/8/2024			N		72	-	-
3/9/2024			N		72	-	-
3/10/2024			N		72	-	-
3/11/2024			N		72	-	-
3/12/2024			N		72	-	-
3/13/2024	JP	1330	N	13.84	72	-	-
3/14/2024			N		705	-	1,400
3/15/2024	KB	1300	Υ	14.27	705	1,500	1,400
3/16/2024			Y		62,024	51,367	-
3/17/2024			Υ		62,024	51,367	-
3/18/2024	KB	1130	Υ	13.29	62,024	51,367	
3/19/2024			Υ		65,082	54,167	8,400
3/20/2024			Υ		65,082	54,167	8,400
3/21/2024	KB	1330	Υ	14.44	65,082	54,167	8,400
3/22/2024			Υ		7,234	26,100	862
3/23/2024			Υ		7,234	26,100	862
3/24/2024			N		7,234	-	862
3/25/2024			N		7,234	-	862
3/26/2024			N		7,234	-	862
3/27/2024			N		7,234	-	862
3/28/2024			N		7,234	-	862
3/29/2024			N		7,234	-	862
3/30/2024			N		7,234	-	862
3/31/2024			N		7,234	-	862
Min	-	1030	-	13.29	72	0	
Max	-	1330	-	14.44	65,082	54,167	8,400
Average				14.05	17,368	11,945	1,538
Total					538,422	370,300	46,130

Location	Inlet	Inlet	Inlet	Inlet	Creek	Air	Air	Filter Inlet
Parameter	рН	Max Turbidity	Turbidity	Temp.	Water Level	Temp	Percip	Turbidity
frequency	weekly	daily	weekly	weekly	monthly	daily	daily	weekly
Units	units	ntu	ntu	С	inches	С	%	ntu
Туре		Analyzer	Grab	Grab	grab			Grab
High Limit		•			•			
Low Limit								
Date								
3/1/2024								
3/2/2024								
3/3/2024								
3/4/2024								
3/5/2024								
3/6/2024								
3/7/2024								
3/8/2024								
3/9/2024								
3/10/2024								
3/11/2024								
3/12/2024								
3/13/2024								
3/14/2024								
3/15/2024	8.46	12.21	9.62	14.7		16.1	0.33	1.83
3/16/2024								
3/17/2024								
3/18/2024		12.14				13.4	0.34	
3/19/2024								
3/20/2024								
3/21/2024	8.41	5.78	6.12	13.8		15.3	0.33	1.35
3/22/2024								
3/23/2024								
3/24/2024								
3/25/2024								
3/26/2024								
3/27/2024								
3/28/2024								
3/29/2024					21"			
3/30/2024								
3/31/2024								
N 4:m	0.44	F 70	0.40	400		40.4	0.00	4.05
Min	8.41	5.78	6.12	13.8	-	13.4	0.33	1.35
Max	8.46	12.21	9.62	14.7	-	16.1	0.34	1.83
Average	8.44	10.04	7.87	14.3		14.9	0.33	1.59
Total								

Location		Contact Pipe			Contact Pipe		
Parameter	turbidity	Max Turbidity	Min Temp	Min CL2	pН	Turbidity	Temp
frequency	daily	daily	daily	daily	weekly	weekly	weekly
Units	units	ntu	С	mg/L	units	ntu	С
Туре	Analyzer	Analyzer	Analyzer	Analyzer	Grab	Grab	Grab
High Limit							
Low Limit							
Date							
3/1/2024							
3/2/2024							
3/3/2024							
3/4/2024							
3/5/2024							
3/6/2024							
3/7/2024							
3/8/2024							
3/9/2024							
3/10/2024							
3/11/2024							
3/12/2024							
3/13/2024							
3/14/2024							
3/15/2024	7.6	0.07	12.1	1.81	7.77	0.23	13.9
3/16/2024							
3/17/2024							
3/18/2024	7.6	0.05	12.2	2.92			
3/19/2024							
3/20/2024							
3/21/2024	7.8	0.07	12.8	2.41	7.82	0.21	13.2
3/22/2024							
3/23/2024							
3/24/2024							
3/25/2024							
3/26/2024							
3/27/2024							
3/28/2024							
3/29/2024							
3/30/2024							
3/31/2024							
Min	7.6	0.05	12.1	1.81	7.77	0.21	13.20
Max	7.8	0.05	12.1	2.92	7.77	0.21	13.20
viax Average	7.8	0.07	12.8	2.38	7.82	0.23	13.55
Total	1.1	0.06	12.4	2.30	7.00	0.22	13.33
l Uldl							

Location		TW Storage Tank	TW Storage Tank	TW Storage Tank	TW Storage Tank
Parameter		Level	Temp	рН	cl2 residual
frequency		weekly	weekly	weekly	weekly
units		ft	С	Units	ppm
Туре		Visual			
High Limit			17.0	8.50	2.00
Low Limit			6.5	7.50	0.30
Date	Oper. Initials				
3/1/2024					
3/2/2024					
3/3/2024					
3/4/2024					
3/5/2024					
3/6/2024	KB	17.0	11.6	7.90	0.61
3/7/2024					
3/8/2024					
3/9/2024					
3/10/2024					
3/11/2024					
3/12/2024					
3/13/2024					
3/14/2024					
3/15/2024	KB	13.8	12.1	8.07	1.39
3/16/2024					
3/17/2024					
3/18/2024					
3/19/2024					
3/20/2024	KB	23.0	15.2	7.89	1.87
3/21/2024					
3/22/2024					
3/23/2024					
3/24/2024					
3/25/2024					
3/26/2024	KB	24.5	13.9	8.01	1.11
3/27/2024					
3/28/2024					
3/29/2024					
3/30/2024					
3/31/2024					
Min	-	13.8	11.6	7.89	0.61
Max	-	24.5	15.2	8.07	1.87
Average		19.6	13.2	7.97	1.25
Total					

		T 5 4: 0 1 0:
Location		Routine Sample Site
Parameter		Cl2 Residual
frequency		as needed
units		mg/L
Туре		grab
High Limit		
Low Limit		
Date	Oper. Initials	
3/1/2024		
3/2/2024		
3/3/2024		
3/4/2024		
3/5/2024		
3/6/2024		
3/7/2024		
3/8/2024	KB	0.44
3/9/2024		
3/10/2024		
3/11/2024		
3/12/2024		
3/13/2024		
3/14/2024		
3/15/2024	KB	1.02
3/16/2024		
3/17/2024		
3/18/2024		
3/19/2024	KB	1.27
3/20/2024		
3/21/2024		
3/22/2024		
3/23/2024		T
3/24/2024		
3/25/2024		
3/26/2024	KB	0.77
3/27/2024		
3/28/2024		T
3/29/2024		T
3/30/2024		
3/31/2024		

Min	-	0.44
Max	•	1.27
Average		0.88
Total		

Date	RW - Flow (gal/d): calculation	TW - Flow (gal/d): calculation	BW - 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	12,295	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	9,156	1,053
2024	2,862	2,627	347
Jan	3,508	2,253	313
Feb	10,982	15,300	2,068
Mar	17,368	11,945	1,538
Apr	2,731	2,590	363
May	0	0	0
Jun	0	0	0
Jul	0	0	0
Aug	0	0	0
Sep	0	0	0
Oct	0	0	0
Nov	0	0	0
Dec	0	0	0
Average	103,017	11,557	1,783

	TW Storage Tank - Level	TW Storage Tank - Temp	TW Storage Tank - cl2
Row Labels	(ft): weekly	(C): weekly	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
2024	20	13	1
Jan	24	12	1
Feb	17	13	1
Mar	20	13	1
Apr	19	15	2
May			
Jun			
Jul			
Aug			
Sep			
Oct			
Nov			
Dec			
Average	23	15	0.92

## LHW

March								La Honda	a Water Sys	tem (W4100509
CALIBRATION TURBIDITY	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA06588	3/28/24	Pass						
	Treated Water	AA06589	3/28/24	Pass						
CHLORINE RESIDUAL	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	APN 083-240-070 (No site address)	AA07033	3/19/24	1.47	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	AA07032	3/19/24	275.5	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)	AA07033	3/19/24	А	P/A		SM9223B-18			Routine
E COLI MPN	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA07032	3/19/24	57.3	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)	AA07033	3/19/24	А	P/A		SM9223B-18			Routine
TOTAL HAA5	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Old Chlorination Station- Sam McDonald Park	AA07034	3/19/24	31	μg/L	60	EPA 552.2			
TTHM	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Old Chlorination Station- Sam McDonald Park	AA07034	3/19/24	42	μg/L	80	EPA 551.1			
UV254	SAMPLE POINT	SAMPLE ID	DATE	RESULT	UNIT	LIMIT	METHOD	DL	RL	TYPE
	Alpine Creek - Raw Water	AA07118	3/6/24	66.0	1/cm		SM 5910B			
	Alpine Creek - Raw Water	AA07156	3/13/24	67.9	1/cm		SM 5910B			
	Alpine Creek - Raw Water	AA07189	3/19/24	74.6	1/cm		SM 5910B			
	Alpine Creek - Raw Water	AA07211	3/28/24	69.4	1/cm		SM 5910B			
			HIGH 74.60	AVG 69.48	LOW 66.00					
	Treated Water	AA07119	3/6/24	92.4	1/cm		SM 5910B			
	Treated Water	AA07157	3/13/24	85.2	1/cm		SM 5910B			
	Treated Water	AA07190	3/19/24	71.1	1/cm		SM 5910B			
	Treated Water	AA07212	3/28/24 HIGH 93.60	93.6 AVG 85.58	1/cm LOW 71.10		SM 5910B			

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

Date of Report: April 08, 2024

Laboratory: BEI Analytical Laboratory (ELAP 3019)

APN 083-240-070 (No site address)

Report Period: March, 2024

3/19/2024

System Name: La Honda Water System (W4100509)

E. COLI

•						
<b>Collection Date</b>	Site Name	Analyte	Sample Type	Result	Remarks	Sampler
3/19/2024	Alpine Creek - Raw Water	Coliform	Other	275.5	SM9223B-18 (MPN)	Keefe Brennan
3/19/2024	Alpine Creek - Raw Water	E. Coli	Other	57.3	SM9223B-18 (MPN)	Keefe Brennan
3/19/2024	APN 083-240-070 (No site address)	COLIFORM	Routine	A	SM9223B-18	Keefe Brennan

Routine

System Number:

SM9223B-18

Α

CA4100509

Keefe Brennan

<sup>1 =</sup> Routine

<sup>2 =</sup> Repeat

<sup>3 =</sup> Replacement

<sup>4 =</sup> Other

P = Present

A = Absent

# Monthly Summary of Monitoring For Surface Water Treatment Regulations

System Name: <u>La Honda Water System (CSA #7)</u> System Number: CA4100509

Treatment Plant Name: <u>La Honda Water System (CSA #7)</u> Month: March Year: 2024

Treated Water Turbidities Every Four Hours (NTU)\*

	Peak Raw	Peak Settled	Midnight	0400	0800	Noon	1600	2000	Average	Minimur
	Water	Water	to	to	to	to	to	to	Treated	Ct.
Date	Turbidity	Turbidity	0400	0800	Noon	1600	2000	Midnight	Water	Ratio
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15	9.17						0.07	0.06	0.07	3.1
16	8.51		0.07	0.06	0.07	0.06	0.06	0.07	0.07	3.3
17	8.03		0.07	0.06	0.08	0.06	0.09	0.06	0.07	3.9
18	7.42		0.10	0.05	0.12	0.05	0.20	0.06	0.10	3.7
19	7.87		0.05	0.06		0.05	0.05	0.06	0.05	3.2
20	8.34		0.05	0.06	0.05	0.06	0.05	0.06	0.05	3.1
21	9.62		0.04	0.06	0.06	0.07	0.06	0.08	0.06	3.0
22	5.92		0.05	0.07	0.05	0.08	0.06	0.09	0.07	3.1
23	4.89		0.06						0.06	2.8
24										
25										
26										
27										
28										
29										
Ave.	7.75								0.07	2.8

Total No. of Samples: 44 No. of Readings ≤ 0.3 NTU: 44

% 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 = 99%

(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) 0.101

Date of Incident   Value
Total Number of incidents where turbidity is > 1.0 NTU:  Total Number of incidents where turbidity is > 5.0 NTU:  Meets Standards (i.e. NTU is not > 1.0 for more than eight consecutive hours) (Y/N)?  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)?  b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used  Date Turbidimeter (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 9/27/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
Total Number of incidents where turbidity is > 1.0 NTU:  Total Number of incidents where turbidity is > 5.0 NTU:  Meets Standards (i.e. NTU is not > 1.0 for more than eight consecutive hours) (Y/N)?  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)?  b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used Turbidimeter (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 9/27/2023 Hach, treated 0/20 Formazin  9/27/2023 Hach, raw wtr 0/20 Formazin 1/28/2023 Hach, treated 0/20 Formazin  12/28/2023 Hach, raw wtr 0/20 Formazin 1/28/2023 Hach, treated 0/20 Formazin  12/28/2023 Hach, raw wtr 0/20 Formazin 1/28/2023 Hach, treated 0/20 Formazin
Total Number of incidents where turbidity is > 5.0 NTU:  Meets Standards (i.e. NTU is not > 1.0 for more than eight consecutive hours) (Y/N)?  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)?  b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which 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 9/27/2023 Hach, treated 0/20 Formazin  9/27/2023 Hach, raw wtr 0/20 Formazin 9/27/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
Total Number of incidents where turbidity is > 5.0 NTU:  Meets Standards (i.e. NTU is not > 1.0 for more than eight consecutive hours) (Y/N)?  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)?  b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which 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 9/27/2023 Hach, treated 0/20 Formazin  9/27/2023 Hach, raw wtr 0/20 Formazin 9/27/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
Meets Standards (i.e. NTU is not > 1.0 for more than eight consecutive hours) (Y/N)?  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)?  b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used  Date Turbidimeter (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 9/27/2023 Hach, treated 0/20 Formazin  9/27/2023 Hach, raw wtr 0/20 Formazin 9/27/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
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)?  b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used  Turbidimeter (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 9/27/2023 Hach, treated 0/20 Formazin  9/27/2023 Hach, raw wtr 0/20 Formazin 9/27/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
criteria:  a. < 2.0 NTU after all events (Y/N)?  b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used  Date Turbidimeter (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  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
b. < 1.0 NTU after 90% of events (Y/N)?  c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which 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  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
c. < 0.5 NTU after 4 hours (Y/N)?  Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used  Oate Turbidimeter (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  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used  Date Turbidimeter (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  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
Indicate the date that the turbidimeters that are used for regulatory monitoring purposes were calibrated  Which Standard used Date Which Standard Used  Turbidimeter (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  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin  1/2/28/2023 Hach, raw wtr 0/20 Formazin 1/2/28/2023 Hach, treated 0/20 Formazin
Which Standard used Date Which Standard Used Date Turbidimeter (primary/secondary) Turbidimeter (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
Date         Turbidimeter         (primary/secondary)         Turbidimeter         (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
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
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
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
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:
Meets standard (i.e. not less than 0.2 ppm for more than four hours) $(Y/N)$ ?
No. of distribution system and dual complex collected.
No. of distribution system residual samples collected:  1 No of distribution system comples for LIDC only.
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:
V
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)

## 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:	Hoal V Bracends

Date: 4/10/2024

	I I Minimum I Tank I I I I I												
					-								
	Flow	Flow		Short Circuiting	Detention		Pipeline Detention	Finish Water CI2				Total Contact Time	
Date	(gpd)	(gpm)	(gal)	Factor	Time (min)	Volume (gal)	Time (min)	Residual (mg/L)	pН	Temperature (C)	Required CT	(min-mg/L)	CT Ratio
3/1/2024													
3/2/2024													
3/3/2024													
3/4/2024													
3/5/2024													
3/6/2024													
3/7/2024													
3/8/2024													
3/9/2024													
3/10/2024													
3/11/2024													
3/12/2024													
3/13/2024													
3/14/2024	4.500	40.0	00.500	0.4	40	0.45		0.00	7.04	40.00	04.00	22.22	
3/15/2024	1,500	46.9	22,500	0.1	48	245	5.2	2.32	7.61	13.90	21.29	66.22	3.1
3/16/2024	51,367	46.9	22,500	0.1	48	245	5.2	2.56	7.62	13.90	22.04	73.28	3.3
3/17/2024	51,367	46.9	22,500	0.1	48	245	5.2	3.38	7.71	13.90	24.93	96.56	3.9
3/18/2024	51,367	46.9	22,500	0.1	48	245	5.2	2.89	7.60	13.90	22.62	82.58	3.7
3/19/2024	54,167	46.9	22,500	0.1	48	245	5.2				21.95	70.08	3.2
3/20/2024	54,167	46.9	22,500	0.1	48	245	5.2	2.47	7.71	13.90	22.48	70.62	3.1
3/21/2024	54,167	46.9	22,500	0.1	48	245	5.2	2.54	7.74	13.20	24.05	72.51	3.0
3/22/2024	6,023	46.9	22,500	0.1	48	245	5.2	2.58	7.68	13.20	23.62	73.68	3.1
3/23/2024	6,023	46.9	22,500	0.1	48	245	5.2	2.11	7.58	13.20	21.59	60.45	2.8
3/24/2024													
3/25/2024													
3/26/2024													
3/27/2024													
3/28/2024													
3/29/2024													
3/30/2024													
3/31/2024					l								
Average	36.683	46.9	22.500	0.1	48	245	5.2	2.59	7.65	13.7	22.7	74.0	3.2
High	54,167	46.9	22,500	0.1	48	245	5.2	3.38	7.74	13.9	24.9	96.6	3.9
Low	1,500	46.9	22,500	0.1	48	245	5.2	2.11	7.58	13.2	21.3	60.4	2.8
Total	330,146		22,000	Ü.1	,0	240	U.E	2.11		.0.2	21.0	55.4	2.0
	555, 140				l	L				<u> </u>		1	

### 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:	2024	Quarter:	1

		1st Quarter	
	Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
	April		1.10
	May		1.16
	June		1.09
10	July		1.48
7/12/2010	August		1.63
7	September		1.70
	October		1.29
	November		1.32
	December		1.06
'ear	January	6	0.36
Surrent Year	February	14	0.70
Curr	March	5	0.99
Rι	ınning Annual A	1.16	
Μe	eets standard?		Yes
(i.€	e. RAA <u>&lt;</u> MRDL o	f 4.0 mg/L as Cl <sub>2</sub> )	

		2nd Quarter	
	Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)
	July		1.48
ar	August		1.63
Previous Year	September		1.70
evior	October		1.29
P	November		1.32
	December		1.06
	January		0.36
a	February		0.70
ıt Ye	March		0.99
Current Year	April		
O	May		
	June		
Rι	ınning Annual A	verage (RAA):	
Me	eets standard?		
(i.e	e. RAA <u>&lt;</u> MRDL o	f 4.0 mg/L as Cl <sub>2</sub> )	

	3rd Quarter									
	Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)							
Ϋ́	October		1.29							
Previous Yr	November		1.32							
Pre	December		1.06							
	January		0.36							
	February		0.70							
	March		0.99							
/ear	April									
Current Year	May									
Curr	June									
	July									
	August									
	September									
Rι	ınning Annual A	verage (RAA):								
Me	eets standard?									
(i.e	e. RAA <u>&lt;</u> MRDL o	f 4.0 mg/L as Cl <sub>2</sub> )								

4th Quarter								
	Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)					
	January		0.36					
	February		0.70					
	March		0.99					
	April							
ar	May							
Current Year	June							
urrer	July							
O	August							
	September							
	October							
	November							
	December							
Rι	ınning Annual A							
	eets standard? e. RAA < MRDL o	f 4.0 mg/L as Cl <sub>2</sub> )						

Comments:			

 Signature:
 Llog/W/States
 Date:
 4/10/2024

11

12

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

System Name: La Honda Water System (CSA #7)				System No.: CA410050			09 Year: 2024			Quarter: 1										
Year:	ar: 2020			2021			2022				20	)23			2024					
Quarter:	1st Qtr.	2nd Qtr.		4th Qtr.	1st Qtr.	2nd Qtr.		4th Qtr.	1st Qtr.	2nd Qtr.		4th Qtr.	1st Qtr.	2nd Qtr.		4th Qtr.	1st Qtr.		3rd Qtr.	4th Qtr
Sample Date (month/date):	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	3/19	2.1.4 (4.1.	0.4 4	1 \( \alpha \).
Site 1	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	42.0			
Quarterly Average	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	42.0			
Running Annual Average	77.7	79.8	90.2	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	51.5			
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	n the ta	hle held	NA/																	
Site		ample L						1												
Old Chlorination Station								1												
2								1												
3								1												
4								1												
5								1												
6								1												
7													, .							
8								1			λ	logel	1/3	ace.	M			4	/10/20	24
9								1		Signat	ure						-	Date		
10								1												

<sup>\*</sup>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)

Syster	n Name:	La Honda Water System								System No.: CA41005			09 Year: 2024			24	Quarter: 1			1	
	Year:	2020				2021				2022				2023				2024			
Quarter:		1st Qtr.	2nd Qtr.	1	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.		4th Qtr.
Sample Date (month/date):		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	3/19			
Site 1		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	31.0			
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		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	31.0			
Running Annual Average		41.5	42.1	53.0	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	34.8			
Meets Standard (60 ug/L)?*		Yes	Yes	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			
Identify the sample locations in the table below.																					
Site																					
1	Old Chlorination Station	ation																			

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

Hog IV Bruendl 4/10/2024 Signature Date

<sup>\*</sup>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.