

MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING
(including triggered source monitoring for systems subject to the Groundwater Rule)

CITY OF LOMITA		1910073	
Sampling Period		Year	
February		2020	
	Number Required	Number Collected	Number Total Coliform Positives
1. Routine Samples (see note 1)	<u>20</u>	<u>20</u>	<u>0</u>
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E.coli <i>Negative</i> (see notes 5 and 6)		<u>0</u>	<u>0</u>
3. Repeat Samples Following Routine Samples Which are Total Coliform <i>Positive</i> and Fecal/E.coli Positive (see notes 5 and 6)		<u>0</u>	<u>0</u>
4. MCL Computation For Total Coliform Positive Samples			
a. Totals (sum of columns)	<u>20</u>	<u>20</u>	<u>0</u>
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100]	<u>N/A</u>		
c. Is system in compliance... with fecal/E. coli MCL? (see notes 2 and 3)	☒ Yes	☐ No	
... with monthly MCL? (see note 4)	☒ Yes	☐ No	
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive (This applies only to systems subject to the Groundwater Rule - see notes 7 and 8)		<u>0</u>	<u>0</u>

6. Invalidated Samples
(Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)
7. Summary Completed By:

Signature 	Title Chief Water Operations Manager	Date 3/5/2020
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Comments: No groundwater source

1. Routine samples include:
- Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
 - Extra samples are required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;
 - Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
2. Note: For a repeat sample following a total coliform positive sample, any fecal/*E. coli* positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
3. Note: For repeat sample following a fecal/*E. coli* positive sample, any total coliform positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
4. Total coliform MCL (Notify Department within 24 hours of MCL violation):
- For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
 - For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the MCL is violated.
5. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
6. Repeat samples must be collected within 24 hours of being notified of the positive results. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. For systems collecting one or fewer routine samples per month, four repeat samples must be collected for each total coliform positive sample.
7. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
8. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E. coli*, enterococci, or coliphage positive triggered sample (boxed entry) **requires immediate notification to the Department, Tier 1 public notification, and corrective action.**

10/2009 - 8477

CITY OF LOMITA MONTHLY CHLORINE RESIDUAL SUMMARY

Jan-20

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	1/2/2020	9:15 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	1/2/2020	9:05 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	1/2/2020	9:40 AM	2.30	A	A	1
13-4 24632 S. Moon Ave.	1/2/2020	9:50 AM	2.20	A	A	1
13-5 2500 PCH	1/2/2020	10:20 AM	2.30	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	1/7/2020	9:45 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	1/7/2020	9:35 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	1/7/2020	9:55 AM	2.30	A	A	1
13-4 24632 S. Moon Ave.	1/7/2020	10:10 AM	2.00	A	A	1
13-5 2500 PCH	1/7/2020	10:30 AM	2.10	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	1/14/2020	9:35 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	1/14/2020	9:25 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	1/14/2020	9:45 AM	2.30	A	A	1
13-4 24632 S. Moon Ave.	1/14/2020	10:05 AM	2.10	A	A	1
13-5 2500 PCH	1/14/2020	10:20 AM	2.10	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	1/21/2020	9:00 AM	2.40	A	A	2
13-2 26314 S. Monte Vta.	1/21/2020	8:50 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	1/21/2020	9:15 AM	2.20	A	A	1
13-4 24632 S. Moon Ave.	1/21/2020	9:35 AM	2.20	A	A	1
13-5 2500 PCH	1/21/2020	9:55 AM	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	1/28/2020	8:45 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	1/28/2020	8:40 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	1/28/2020	9:08 AM	2.40	A	A	1
13-4 24632 S. Moon Ave.	1/28/2020	9:20 AM	2.00	A	A	1
13-5 2500 PCH	1/28/2020	10:15 AM	2.40	A	A	2

Average

2.22

SIGNATURE:

Mark Andersen, Chief Water Operations Manager

Feb-20

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	2/4/2020	8:40 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	2/4/2020	8:35 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	2/4/2020	8:55 AM	2.20	A	A	1
13-4 24632 S. Moon Ave.	2/4/2020	9:15 AM	2.00	A	A	1
13-5 2500 PCH	2/4/2020	9:40 AM	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	2/11/2020	8:35 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	2/11/2020	8:30 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	2/11/2020	8:50 AM	2.30	A	A	1
13-4 24632 S. Moon Ave.	2/11/2020	9:05 AM	2.00	A	A	1
13-5 2500 PCH	2/11/2020	9:20 AM	2.10	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	2/18/2020	9:00 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	2/18/2020	8:50 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	2/18/2020	9:10 AM	2.30	A	A	1
13-4 24632 S. Moon Ave.	2/18/2020	9:35 AM	2.30	A	A	1
13-5 2500 PCH	2/18/2020	9:55 AM	2.30	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	2/25/2020	8:45 AM	2.60	A	A	2
13-2 26314 S. Monte Vta.	2/25/2020	8:30 AM	2.50	A	A	3
13-3 1948 W. 252nd St.	2/25/2020	9:00 AM	2.90	A	A	1
13-4 24632 S. Moon Ave.	2/25/2020	9:45 AM	2.00	A	A	1
13-5 2500 PCH	2/25/2020	10:00 AM	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.						2
13-2 26314 S. Monte Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						2

Average

2.27

DATE:

3/5/2020

**CITY OF LOMITA
PUBLIC WORKS DEPARTMENT**

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

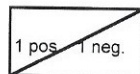
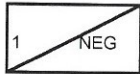
SYSTEM NO: **1910073**

MONTH: **February**

YEAR: **2020**

SOURCE NAME	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
WELL 13-5	OFFLINE	OFFLINE										
TOTAL	0	0	0	0	0	0	0	0	0	0	0	0

EXAMPLES:



FOR TOTAL COLIFORM POSITIVE RESULTS RECEIVED, INDICATE THE CONFIRMATION SAMPLES COLLECTED ON SUMMARY AND ATTACH THE LAB RESULTS TO THIS PAGE.

COMMENTS:

SIGNATURE:

Mark Andersen, Chief Water Operations Manager

Date: 3/5/2020

MONTHLY SUMMARY OF MONITORING FOR SURFACE WATER TREATMENT REGULATIONS

System Name: CITY OF LOMITA System No.: 1910073

Wholesaler Name: WEST BASIN MUNICIPAL WATER DISTRICT

Month: February Year: 2020

DISINFECTION PROCESS DATA

Disinfectant residual type: Free chlorine (including well sources) _____
 Free chlorine (no well sources) _____
 Chloramines (including well sources) X _____
 Chloramines (no well sources) _____

No. of distribution system residual samples collected:	20
No. of distribution system samples for HPC only:	0
Total No. residual and/or HPC samples collected:	20
No. of samples with no detectable residual and HPC is not measured:	0
No. of samples with no residual and HPC > 500 CFU/ml:	0
No. of samples for HPC only and HPC > 500 CFU/ml:	0
Total No. of samples with no residual and/or HPC > 500 CFU/ml:	0

Compute $V = 1 - \frac{\text{Total No. samples with no residual and/or HPC} > 500}{\text{Total No. residual and/or HPC samples collected}} \times 100 =$ 100

Total No. residual and/or HPC samples collected _____
 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):

Persons Reporting	Date	Corrective Actions Taken

Explain any failure of the standards and corrective action taken or planned (attach extra sheets if needed):

Note:
 1. Refer to 191073-City of Lomita-TCR Report for test results for total chlorine, free chlorine, total coliform, E. Coli, HPC and Nitrate.

Signature: Mark Andersen Date: 3/5/2020
 Mark Andersen, Chief Water Operations Manager

CITY OF LOMITA MONTHLY GENERAL PHYSICAL SUMMARY

Jan-20

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	1/2/2020	9:05 AM	ND	1	ND	8.73	3
13-3 1948 W. 252nd St.	1/2/2020	9:40 AM	ND	1	ND	8.72	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	1/7/2020	9:45 AM	ND	1	ND	8.59	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	1/7/2020	10:10 AM	ND	1	ND	8.6	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	1/14/2020	9:45 AM	ND	1	0.6	8.43	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	1/14/2020	10:20 AM	ND	1	ND	8.42	2
Location							Zone
13-1 1912 W. 259th Pl.	1/21/2020	9:00 AM	ND	1	ND	8.58	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	1/21/2020	9:55 AM	ND	1	ND	8.53	2
Location							Zone
13-1 1912 W. 259th Pl.	1/28/2020	8:45 AM	ND	1	0.1	8.74	2
13-2 26314 S. Monte Vta.	1/28/2020	8:40 AM	ND	1	ND	8.72	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

Note:

Cross-reference the TCR Report for test results for the GP Report.

SIGNATURE:

Mark Andersen, Chief Water Operations Manager

Feb-20

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	2/4/2020	8:55 AM	ND	1	0.2	8.56	1
13-4 24632 S. Moon Ave.	2/4/2020	9:15 AM	ND	1	0.1	8.55	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	2/11/2020	8:30 AM	ND	1	ND	8.61	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	2/11/2020	9:20 AM	ND	1	ND	8.7	2
Location							Zone
13-1 1912 W. 259th Pl.	2/18/2020	9:00 AM	ND	1	ND	8.79	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	2/18/2020	9:10 AM	ND	1	ND	8.78	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	2/25/2020	9:45 AM	ND	1	0.2	8.57	1
13-5 2500 PCH	2/25/2020	10:00 AM	ND	1	ND	8.61	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

DATE:

3/5/2020

MONTHLY NITRIFICATION FIELD TEST LOG
CITY OF LOMITA, System No. 1910073 --- Month: February, Year: 2020

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Ammonia	Free Ammonia	Nitrite	Zone	Comments
Units/Others →				MM/DD/YYYY	°C		mg/L	mg/L	mg/L		
1	D	S13-003	1948 W 252nd St	2/4/2020	14.10	8.56	0.34	0	0.016	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	2/4/2020	16.20	8.55	0.25	0	0.020	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	2/4/2020	16.70	8.48	0.27	0.02	0.022	1	WELL/MWD blend
4	D	A	2052 Dawn St	2/4/2020	14.40	8.59	0.19	0	0.002	1	WELL/MWD blend
5	D		WB8	2/4/2020	14.60	8.56	0.33	0	0.001	1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	2/4/2020	14.60	8.56	0.30	0	0.012	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	2/4/2020	14.20	8.47	0.43	0.07	0.003	3	MWD Only
8	D	S13-005	2500 PCH	2/4/2020	16.10	8.60	0.45	0.01	0.009	2	MWD Only
1	D	S13-003	1948 W 252nd St	2-11-20	14.40	8.54	0.40	0.03	0.009	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave		16.30	8.56	0.33	0.02	0.026	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave		16.10	8.61	0.36	0.09	0.024	1	WELL/MWD blend
4	D	A	2052 Dawn St		14.60	8.64	0.42	0.07	0.013	1	WELL/MWD blend
5	D		Reservoir							1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl		14.80	8.66	0.35	0.01	0.007	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		14.10	8.61	0.46	0.03	0.013	3	MWD Only
8	D	S13-005	2500 PCH	2-11-20	15.60	8.70	0.46	0.08	0.012	2	MWD Only
1	D	S13-003	1948 W 252nd St	2-18-20	14.50	8.78	0.37	0	0.006	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave		16.50	8.75	0.43	0.03	0.013	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave		16.60	8.76	0.44	0.05	0.024	1	WELL/MWD blend
4	D	A	2052 Dawn St		14.90	8.46	0.43	0	0.003	1	WELL/MWD blend
5	D		Reservoir							1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl		15.10	8.79	0.40	0.04	0.006	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		14.30	8.64	0.42	0	0.005	3	MWD Only
8	D	S13-005	2500 PCH	2-18-20	16.10	8.76	0.46	0	0.011	2	MWD Only
1	D	S13-003	1948 W 252nd St	2-25-20	14.30	8.70	0.43	0.06	0.014	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave		17.30	8.57	0.45	0.09	0.023	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave		17.10	8.60	0.44	0.12	0.033	1	Well/MWD Blend
4	D	A	2052 Dawn St		15.30	8.59	0.43	0	0.003	1	Well/MWD Blend
5	D		Reservoir							1	Well/MWD Blend
6	D	S13-001	1912 W 259th Pl		15.20	8.69	0.50	0.08	0.017	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		13.90	8.56	0.48	0.05	0.007	3	MWD Only
8	D	S13-005	2500 PCH	2-25-20	16.30	8.61	0.49	0.15	0.013	2	MWD Only
1	D	S13-003	1948 W 252nd St							1	
2	D	S13-004	24632 S Moon Ave							1	
3	D	S13-008	25417 Pennsylvania Ave							1	
4	D	A	2052 Dawn St							1	
5	D		Reservoir							2	
6	D	S13-001	1912 W 259th Pl							3	
7	D	S13-002	26314 S Monte Vista Ave							2	
8	D	S13-005	2500 PCH								

1. Notes: Report Due to DDW by the 10th of the following month. This Report can be used for the routine weekly monitoring (one Report per month) as well as for daily monitoring when there is actual and potential for nitrification (about four or five Reports per month, in this case).

2. Coliform results are part of weekly Bacti sampling results.

3. The City is monitoring trends of Nitrite in Zone 1, 2, and 3 in accordance with the Nitrification Monitoring Plan.

4. Refer to 191073-City of Lomita-TCR Report for test results for total chlorine, free chlorine, total coliform, E. Coli, HPC and Nitrate.

5. Attached: field test log for Total Ammonia, Free Ammonia, and Nitrite.

6. Hach Pocket Colorimeter and Hach DR890 analyzers.

7. Date of last Calibration: Auto Calibrated

8. Date of reagent expiration: Total Ammonia - Salicylate 3/24, Cyanurate 8/22, Nitrite - Nitriver 3 1/23, Free Ammonia - Monochlor F 6/20, F.A. Chlorinating Solution Sept./20

Date 2-25-20 Signature Patrick McCre

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.



07 February 2020

Clinical Lab No.: 20B0245

Mark Andersen
Lomita, City of
24373 Walnut Avenue
Lomita, CA 91717

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples: 1st Week of February, 2020

Enclosed are the results of the analyses for samples received at the laboratory on 02/04/20. Samples were received within temperature range, in correct containers and preservation.

Analyses were performed pursuant to client's chain of custody, within hold times, utilizing EPA or other ELAP approved methodologies.

I certify that the results are within compliance both technically and for completeness. Analytical results are attached to this letter. Please call if any additional information and or assistance are needed.

Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 1st Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B0245
Received: 02/04/20 17:52
Reported: 02/07/20

1912 W. 259th St. (S13-001 Zone: 2)

20B0245-01 (Water)

Sample Date: 02/04/20 8:40 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.12		N/A	mg/L	02/04/20	02/04/20	2006075	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	02/04/20	02/04/20	2006075	
pH (Field)	Field	8.56		N/A	pH Units	02/04/20	02/04/20	2006075	
Temperature (Field)	Field	14.6		N/A	°C	02/04/20	02/04/20	2006075	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
E. Coli	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/04/20	02/06/20	2006157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/05/20	02/05/20	2006082	
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26314 Monte Vista (S13-002 Zone:3)

20B0245-02 (Water)

Sample Date: 02/04/20 8:35 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.4		N/A	mg/L	02/04/20	02/04/20	2006075	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	02/04/20	02/04/20	2006075	
pH (Field)	Field	8.47		N/A	pH Units	02/04/20	02/04/20	2006075	
Temperature (Field)	Field	14.2		N/A	°C	02/04/20	02/04/20	2006075	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
E. Coli	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/04/20	02/06/20	2006157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/05/20	02/05/20	2006082	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 1st Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B0245
Received: 02/04/20 17:52
Reported: 02/07/20

1948 W. 252nd St. (S13-003 Zone: 1)

20B0245-03 (Water)

Sample Date: 02/04/20 8:55 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.18		N/A	mg/L	02/04/20	02/04/20	2006075	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	02/04/20	02/04/20	2006075	
pH (Field)	Field	8.56		N/A	pH Units	02/04/20	02/04/20	2006075	
Temperature (Field)	Field	14.1		N/A	°C	02/04/20	02/04/20	2006075	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
E. Coli	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/04/20	02/06/20	2006157	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/04/20	02/04/20	2006116	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/04/20	02/04/20	2006116	
Turbidity	EPA 180.1	0.2	0.1	5	NTU	02/04/20	02/04/20	2006116	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/05/20	02/05/20	2006082	
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24632 S. Moon Ave. (S13-004 Zone:1)

20B0245-04 (Water)

Sample Date: 02/04/20 9:15 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.18		N/A	mg/L	02/04/20	02/04/20	2006075	
Cl Res Total (Field)	Field	2		N/A	mg/L	02/04/20	02/04/20	2006075	
pH (Field)	Field	8.55		N/A	pH Units	02/04/20	02/04/20	2006075	
Temperature (Field)	Field	16.2		N/A	°C	02/04/20	02/04/20	2006075	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
E. Coli	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
Plate Count	SM9215B	15	1	500	CFU/ml	02/04/20	02/06/20	2006157	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/04/20	02/04/20	2006116	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/04/20	02/04/20	2006116	
Turbidity	EPA 180.1	0.1	0.1	5	NTU	02/04/20	02/04/20	2006116	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/05/20	02/05/20	2006082	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of	Project: Standard Analysis	Work Order: 20B0245
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples: 1st Week of February, 2020	Received: 02/04/20 17:52
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 02/07/20

2500 PCH (S-13-005 Zone:2)

20B0245-05 (Water)

Sample Date: 02/04/20 9:40 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.19		N/A	mg/L	02/04/20	02/04/20	2006075	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	02/04/20	02/04/20	2006075	
pH (Field)	Field	8.6		N/A	pH Units	02/04/20	02/04/20	2006075	
Temperature (Field)	Field	16.1		N/A	°C	02/04/20	02/04/20	2006075	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
E. Coli	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/04/20	02/06/20	2006157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/05/20	02/05/20	2006082	
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25417 Pennsylvania Ave (S13-008 Zone:1)

20B0245-06 (Water)

Sample Date: 02/04/20 9:30 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.42		N/A	mg/L	02/04/20	02/04/20	2006075	
Cl Res Total (Field)	Field	2		N/A	mg/L	02/04/20	02/04/20	2006075	
pH (Field)	Field	8.48		N/A	pH Units	02/04/20	02/04/20	2006075	
Temperature (Field)	Field	16.7		N/A	°C	02/04/20	02/04/20	2006075	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
E. Coli	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
Plate Count	SM9215B	18	1	500	CFU/ml	02/04/20	02/06/20	2006157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/05/20	02/05/20	2006082	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 1st Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B0245
Received: 02/04/20 17:52
Reported: 02/07/20

2052 Dawn St (A Zone:1)

20B0245-07 (Water)

Sample Date: 02/04/20 9:08 **Sampler:** Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.13		N/A	mg/L	02/04/20	02/04/20	2006075	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/04/20	02/04/20	2006075	
pH (Field)	Field	8.59		N/A	pH Units	02/04/20	02/04/20	2006075	
Temperature (Field)	Field	14.4		N/A	°C	02/04/20	02/04/20	2006075	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
E. Coli	SM 9223	A		N/A	P/A	02/04/20	02/05/20	2006110	
Plate Count	SM9215B	1	1	500	CFU/ml	02/04/20	02/06/20	2006157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/05/20	02/05/20	2006082	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Chain of Custody

20B0245

7/2/7

Client	City of Lomita						System Number							Analysis Requested							
Address	24373 Walnut Avenue Lomita, CA 91717 (310)903-2243						1910073							Total Coliform / E. Coli / P-A / HPC	General Physical		Nitrate	Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: Auto Calibrating DPD Reagent Exp.: 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: Auto Calibrating DPD Reagent exp. date: 3. pH and Temperature - HACH, HQ11d Calibration Date:			
Phone #							<i>Destination Laboratory</i>														
Fax #							[X] Clinical Laboratory														
Project	Standard Analysis						RWQCB Compliance														
Sub Project	Weekly Distribution Samples: 1st week of February, 2020						YES														
Comments							1088														
Sampled by																					
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine											
2/4/2020	0840	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	14.6°	0.12	8.56	2.2	X		X								
2/4/2020	0835	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	14.2°	0.40	8.47	2.2	X		X								
2/4/2020	0855	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	14.1°	0.18	8.56	2.2	X	X	X								
2/4/2020	0915	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	16.2°	0.18	8.55	2.0	X	X	X								
2/4/2020	0940	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	16.1°	0.19	8.60	2.2	X		X								
2/4/2020	0930	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	16.7°	0.42	8.48	2.0	X		X								
2/4/2020	0908	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	14.4°	0.13	8.54	2.3	X		X								
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ CI (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:			Matrix: DW=Drinking Water, WW=Waste Water, SW=Storm Water, GW= Ground Water, W=Well D= Dist.																		
			Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special																		
Relinquished By (Sign) Patrick McCue / Al Chaparro		Print Name / Company Patrick McCue / City of Lomita Al Chaparro / USF		Date / Time 2/4/2020 7		#42 137 552		Received By (sign) N. Lopez / J. Chaparro / USF J. A. CSP													
Samples received: (☒ On ice) (☒ Intact) Custody seals Temp <u> 2.2 </u> () F () C																					
Shipped Via		Fed X Golden State UPS Client Other		Page _1_ of _1_																	

Clinical Laboratory of San Bernardino, Inc.



17 February 2020

Clinical Lab No.: 20B0794

Mark Andersen
Lomita, City of
24373 Walnut Avenue
Lomita, CA 91717

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples: 2nd Week of February, 2020

Enclosed are the results of the analyses for samples received at the laboratory on 02/11/20. Samples were received within temperature range, in correct containers and preservation.

Analyses were performed pursuant to client's chain of custody, within hold times, utilizing EPA or other ELAP approved methodologies.

I certify that the results are within compliance both technically and for completeness. Analytical results are attached to this letter. Please call if any additional information and or assistance are needed.

Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stu Styles', with a stylized flourish at the end.

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 2nd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B0794
Received: 02/11/20 16:57
Reported: 02/17/20

1912 W. 259th St. (S13-001 Zone: 2)

20B0794-01 (Water)

Sample Date: 02/11/20 8:35 **Sampler:** Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.2		N/A	mg/L	02/11/20	02/11/20	2007087	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	02/11/20	02/11/20	2007087	
pH (Field)	Field	8.68		N/A	pH Units	02/11/20	02/11/20	2007087	
Temperature (Field)	Field	14.8		N/A	°C	02/11/20	02/11/20	2007087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
E. Coli	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/11/20	02/13/20	2007147	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/11/20	02/11/20	2007043	
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26314 Monte Vista (S13-002 Zone:3)

20B0794-02 (Water)

Sample Date: 02/11/20 8:30 **Sampler:** Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.2		N/A	mg/L	02/11/20	02/11/20	2007087	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/11/20	02/11/20	2007087	
pH (Field)	Field	8.61		N/A	pH Units	02/11/20	02/11/20	2007087	
Temperature (Field)	Field	14.1		N/A	°C	02/11/20	02/11/20	2007087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
E. Coli	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/11/20	02/13/20	2007147	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/11/20	02/11/20	2007110	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/11/20	02/11/20	2007110	
Turbidity	EPA 180.1	ND	0.1	5	NTU	02/11/20	02/11/20	2007110	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/12/20	02/12/20	2007043	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 2nd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B0794
Received: 02/11/20 16:57
Reported: 02/17/20

1948 W. 252nd St. (S13-003 Zone: 1)

20B0794-03 (Water)

Sample Date: 02/11/20 8:50 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.18		N/A	mg/L	02/11/20	02/11/20	2007087	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/11/20	02/11/20	2007087	
pH (Field)	Field	8.54		N/A	pH Units	02/11/20	02/11/20	2007087	
Temperature (Field)	Field	14.4		N/A	°C	02/11/20	02/11/20	2007087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
E. Coli	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
Plate Count	SM9215B	2	1	500	CFU/ml	02/11/20	02/13/20	2007147	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/12/20	02/12/20	2007043	
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24632 S. Moon Ave. (S13-004 Zone:1)

20B0794-04 (Water)

Sample Date: 02/11/20 9:05 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.12		N/A	mg/L	02/11/20	02/11/20	2007087	
Cl Res Total (Field)	Field	2		N/A	mg/L	02/11/20	02/11/20	2007087	
pH (Field)	Field	8.56		N/A	pH Units	02/11/20	02/11/20	2007087	
Temperature (Field)	Field	16.3		N/A	°C	02/11/20	02/11/20	2007087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
E. Coli	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/11/20	02/13/20	2007147	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/12/20	02/12/20	2007043	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 2nd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B0794
Received: 02/11/20 16:57
Reported: 02/17/20

2500 PCH (S-13-005 Zone:2)

20B0794-05 (Water)

Sample Date: 02/11/20 9:20 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.18		N/A	mg/L	02/11/20	02/11/20	2007087	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	02/11/20	02/11/20	2007087	
pH (Field)	Field	8.7		N/A	pH Units	02/11/20	02/11/20	2007087	
Temperature (Field)	Field	15.6		N/A	°C	02/11/20	02/11/20	2007087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
E. Coli	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
Plate Count	SM9215B	1	1	500	CFU/ml	02/11/20	02/13/20	2007147	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/11/20	02/11/20	2007110	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/11/20	02/11/20	2007110	
Turbidity	EPA 180.1	ND	0.1	5	NTU	02/11/20	02/11/20	2007110	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/12/20	02/12/20	2007043	
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25417 Pennsylvania Ave (S13-008 Zone:1)

20B0794-06 (Water)

Sample Date: 02/11/20 9:12 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.14		N/A	mg/L	02/11/20	02/11/20	2007087	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	02/11/20	02/11/20	2007087	
pH (Field)	Field	8.61		N/A	pH Units	02/11/20	02/11/20	2007087	
Temperature (Field)	Field	16.1		N/A	°C	02/11/20	02/11/20	2007087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
E. Coli	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/11/20	02/13/20	2007147	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.43	0.40	10	mg/L	02/12/20	02/12/20	2007094	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 2nd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B0794
Received: 02/11/20 16:57
Reported: 02/17/20

2052 Dawn St (A Zone:1)

20B0794-07 (Water)

Sample Date: 02/11/20 8:57 Sampler: Not Listed

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.17		N/A	mg/L	02/11/20	02/11/20	2007087	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/11/20	02/11/20	2007087	
pH (Field)	Field	8.64		N/A	pH Units	02/11/20	02/11/20	2007087	
Temperature (Field)	Field	14.6		N/A	°C	02/11/20	02/11/20	2007087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
E. Coli	SM 9223	A		N/A	P/A	02/11/20	02/12/20	2007105	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/11/20	02/13/20	2007147	HT-08

General Chemical Analyses

Nitrate as N (NO ₃ -N)	EPA 300.0	ND	0.40	10	mg/L	02/12/20	02/12/20	2007080	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

20B0794
Chain of Custody

7/2/1

Client		City of Lomita		System Number		Analysis Requested									
Address		24373 Walnut Avenue		1910073		Total Coliform / E. Coli, P-A / HPC General Physical Nitrate Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: <u>Auto Calibrating</u> DPD Reagent Exp.: <u>Oct. 22</u> 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: <u>Auto Calibrating</u> DPD Reagent exp. date: <u>May 21</u> 3. pH and Temperature - HACH, HQ11d Calibration Date: <u>7-8-19</u>									
		Lomita, CA 91717													
Phone #		(310)903-2243													
Fax #															
Project		Standard Analysis													
Sub Project		Weekly Distribution Samples: 2nd week of February, 2020		YES											
Comments				1088											
Sampled by															
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine					
2/11/2020	0835	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	14.8°	0.20	8.68	2.2	x		x		
2/11/2020	0830	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	14.1°	0.20	8.61	2.3	x	x	x		
2/11/2020	0850	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	14.4°	0.18	8.54	2.3	x		x		
2/11/2020	0905	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	16.3°	0.12	8.56	2.0	x		x		
2/11/2020	0920	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	15.6°	0.18	8.70	2.1	x	x	x		
2/11/2020	0912	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	16.1°	0.14	8.61	2.4	x		x		
2/11/2020	0857	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	14.6°	0.17	8.64	2.3	x		x		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:			Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist. Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special												
Relinquished By (Sign)		Print Name / Company		Date / Time				Received By (Sign)							
Patrick McCue		Patrick McCue / City of Lomita		2/11/2020		206 457		[Signature] [Signature] / CISB							
		D. Chaparro / CISB													
Shipped Via				Samples received: ☒ On ice ☒ Intact ☐ Custody seals Temp <u>7.4</u> () F () C											
☐ Fed X ☐ Golden State ☐ UPS ☐ Client ☐ Other				Page <u>1</u> of <u>1</u>											

Clinical Laboratory of San Bernardino, Inc.



21 February 2020

Clinical Lab No.: 20B1357

Mark Andersen
Lomita, City of
24373 Walnut Avenue
Lomita, CA 91717

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples: 3rd Week of February, 2020

Enclosed are the results of the analyses for samples received at the laboratory on 02/18/20. Samples were received within temperature range, in correct containers and preservation.

Analyses were performed pursuant to client's chain of custody, within hold times, utilizing EPA or other ELAP approved methodologies.

I certify that the results are within compliance both technically and for completeness. Analytical results are attached to this letter. Please call if any additional information and or assistance are needed.

Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stu Styles', with a stylized flourish at the end.

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 3rd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1357
Received: 02/18/20 17:18
Reported: 02/21/20

1912 W. 259th St. (S13-001 Zone: 2)

20B1357-01 (Water)

Sample Date: 02/18/20 9:00 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0		N/A	mg/L	02/18/20	02/18/20	2008105	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/18/20	02/18/20	2008105	
pH (Field)	Field	8.79		N/A	pH Units	02/18/20	02/18/20	2008105	
Temperature (Field)	Field	15.1		N/A	°C	02/18/20	02/18/20	2008105	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
E. Coli	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/18/20	02/20/20	2008157	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/18/20	02/18/20	2008112	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/18/20	02/18/20	2008112	
Turbidity	EPA 180.1	ND	0.1	5	NTU	02/18/20	02/18/20	2008112	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/19/20	02/19/20	2008078	
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26314 Monte Vista (S13-002 Zone:3)

20B1357-02 (Water)

Sample Date: 02/18/20 8:50 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.01		N/A	mg/L	02/18/20	02/18/20	2008105	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/18/20	02/18/20	2008105	
pH (Field)	Field	8.64		N/A	pH Units	02/18/20	02/18/20	2008105	
Temperature (Field)	Field	14.3		N/A	°C	02/18/20	02/18/20	2008105	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
E. Coli	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/18/20	02/20/20	2008157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/19/20	02/19/20	2008078	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 3rd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1357
Received: 02/18/20 17:18
Reported: 02/21/20

1948 W. 252nd St. (S13-003 Zone: 1)

20B1357-03 (Water)

Sample Date: 02/18/20 9:10 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.03		N/A	mg/L	02/18/20	02/18/20	2008105	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/18/20	02/18/20	2008105	
pH (Field)	Field	8.78		N/A	pH Units	02/18/20	02/18/20	2008105	
Temperature (Field)	Field	14.5		N/A	°C	02/18/20	02/18/20	2008105	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
E. Coli	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
Plate Count	SM9215B	2	1	500	CFU/ml	02/18/20	02/20/20	2008157	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/18/20	02/18/20	2008112	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/18/20	02/18/20	2008112	
Turbidity	EPA 180.1	ND	0.1	5	NTU	02/18/20	02/18/20	2008112	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/19/20	02/19/20	2008078	
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24632 S. Moon Ave. (S13-004 Zone:1)

20B1357-04 (Water)

Sample Date: 02/18/20 9:35 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0		N/A	mg/L	02/18/20	02/18/20	2008105	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/18/20	02/18/20	2008105	
pH (Field)	Field	8.75		N/A	pH Units	02/18/20	02/18/20	2008105	
Temperature (Field)	Field	16.5		N/A	°C	02/18/20	02/18/20	2008105	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
E. Coli	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
Plate Count	SM9215B	1	1	500	CFU/ml	02/18/20	02/20/20	2008157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/19/20	02/19/20	2008078	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 3rd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1357
Received: 02/18/20 17:18
Reported: 02/21/20

2500 PCH (S-13-005 Zone:2)

20B1357-05 (Water)

Sample Date: 02/18/20 9:55 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.01		N/A	mg/L	02/18/20	02/18/20	2008105	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	02/18/20	02/18/20	2008105	
pH (Field)	Field	8.76		N/A	pH Units	02/18/20	02/18/20	2008105	
Temperature (Field)	Field	16.1		N/A	°C	02/18/20	02/18/20	2008105	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
E. Coli	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/18/20	02/20/20	2008157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/19/20	02/19/20	2008078	
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25417 Pennsylvania Ave (S13-008 Zone:1)

20B1357-06 (Water)

Sample Date: 02/18/20 9:45 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.02		N/A	mg/L	02/18/20	02/18/20	2008105	
Cl Res Total (Field)	Field	2		N/A	mg/L	02/18/20	02/18/20	2008105	
pH (Field)	Field	8.76		N/A	pH Units	02/18/20	02/18/20	2008105	
Temperature (Field)	Field	16.6		N/A	°C	02/18/20	02/18/20	2008105	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
E. Coli	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
Plate Count	SM9215B	14	1	500	CFU/ml	02/18/20	02/20/20	2008157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/19/20	02/19/20	2008078	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 3rd Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1357
Received: 02/18/20 17:18
Reported: 02/21/20

2052 Dawn St (A Zone:1)

20B1357-07 (Water)

Sample Date: 02/18/20 9:20 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.01		N/A	mg/L	02/18/20	02/18/20	2008105	
Cl Res Total (Field)	Field	2.5		N/A	mg/L	02/18/20	02/18/20	2008105	
pH (Field)	Field	8.46		N/A	pH Units	02/18/20	02/18/20	2008105	
Temperature (Field)	Field	14.9		N/A	°C	02/18/20	02/18/20	2008105	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
E. Coli	SM 9223	A		N/A	P/A	02/18/20	02/19/20	2008110	
Plate Count	SM9215B	1	1	500	CFU/ml	02/18/20	02/20/20	2008157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/19/20	02/19/20	2008078	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

20B1357

Chain of Custody

7/2/17

Client		City of Lomita		System Number		Analysis Requested													
Address		24373 Walnut Avenue		1910073		Destination Laboratory		[X] Clinical Laboratory		RWQCB Compliance		Total Coliform / E. Coli / P-A / HPC		General Physical		Nitrate		Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: Auto Calibrating DPD Reagent Exp.: Jun-21 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: Auto Calibrating DPD Reagent exp. date: Apr-22 3. pH and Temperature - HACH, HQ11d Calibration Date: 7-8-19	
Phone #		(310)903-2243																	
Fax #																			
Project		Standard Analysis																	
Sub Project		Weekly Distribution Samples: 3rd week of February, 2020																	
Comments																			
Sampled by		P.M.																	
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine									
2/18/2020	0600	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	15.1°	0.01	8.79	2.3	x	x	x						
2/18/2020	0850	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	14.3°	0.01	8.64	2.3	x	x	x						
2/18/2020	0910	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	14.5°	0.03	8.78	2.3	x	x	x						
2/18/2020	0935	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	16.5°	0.01	8.75	2.3	x	x	x						
2/18/2020	0955	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	16.1°	0.01	8.76	2.3	x	x	x						
2/18/2020	0945	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	16.6°	0.02	8.76	2.0	x	x	x						
2/18/2020	0920	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	14.9°	0.01	8.46	2.5	x	x	x						
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:			Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist. Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special																
Relinquished By (Sign)		Print Name / Company		Date / Time		Temperature		Received By (Sign)											
Patrick McCue		Patrick McCue / City of Lomita		2/18/2020		1259		D. Chaparro / CLSB											
D. Chaparro		D. Chaparro / CLSB		7		518		JH CLSB											
Shipped Via				Samples received: (X) On ice (X) Intact () Custody seals Temp 7.1 () F () C															
				Page 1 of 1															

Clinical Laboratory of San Bernardino, Inc.



02 March 2020

Clinical Lab No.: 20B1920

Mark Andersen
Lomita, City of
24373 Walnut Avenue
Lomita, CA 91717

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples: 4th Week of February, 2020

Enclosed are the results of the analyses for samples received at the laboratory on 02/25/20. Samples were received within temperature range, in correct containers and preservation.

Analyses were performed pursuant to client's chain of custody, within hold times, utilizing EPA or other ELAP approved methodologies.

I certify that the results are within compliance both technically and for completeness. Analytical results are attached to this letter. Please call if any additional information and or assistance are needed.

Thank you for choosing Clinical Laboratory of San Bernardino for your analytical needs.

Sincerely,

A handwritten signature in black ink, appearing to read 'Stu Styles', with a stylized flourish at the end.

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 4th Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1920
Received: 02/25/20 16:11
Reported: 03/02/20

1912 W. 259th St. (S13-001 Zone: 2)

20B1920-01 (Water)

Sample Date: 02/25/20 8:45 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.02		N/A	mg/L	02/25/20	02/25/20	2009076	
Cl Res Total (Field)	Field	2.6		N/A	mg/L	02/25/20	02/25/20	2009076	
pH (Field)	Field	8.69		N/A	pH Units	02/25/20	02/25/20	2009076	
Temperature (Field)	Field	15.2		N/A	°C	02/25/20	02/25/20	2009076	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
E. Coli	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/25/20	02/27/20	2009129	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	02/25/20	02/25/20	2009041	
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26314 Monte Vista (S13-002 Zone:3)

20B1920-02 (Water)

Sample Date: 02/25/20 8:30 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.03		N/A	mg/L	02/25/20	02/25/20	2009076	
Cl Res Total (Field)	Field	2.5		N/A	mg/L	02/25/20	02/25/20	2009076	
pH (Field)	Field	8.56		N/A	pH Units	02/25/20	02/25/20	2009076	
Temperature (Field)	Field	13.9		N/A	°C	02/25/20	02/25/20	2009076	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
E. Coli	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/25/20	02/27/20	2009129	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.48	0.40	10	mg/L	02/25/20	02/25/20	2009041	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 4th Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1920
Received: 02/25/20 16:11
Reported: 03/02/20

1948 W. 252nd St. (S13-003 Zone: 1)

20B1920-03 (Water)

Sample Date: 02/25/20 9:00 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.01		N/A	mg/L	02/25/20	02/25/20	2009076	
Cl Res Total (Field)	Field	2.9		N/A	mg/L	02/25/20	02/25/20	2009076	
pH (Field)	Field	8.7		N/A	pH Units	02/25/20	02/25/20	2009076	
Temperature (Field)	Field	14.3		N/A	°C	02/25/20	02/25/20	2009076	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
E. Coli	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/25/20	02/27/20	2009129	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	02/25/20	02/25/20	2009041	
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24632 S. Moon Ave. (S13-004 Zone:1)

20B1920-04 (Water)

Sample Date: 02/25/20 9:45 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.01		N/A	mg/L	02/25/20	02/25/20	2009076	
Cl Res Total (Field)	Field	2		N/A	mg/L	02/25/20	02/25/20	2009076	
pH (Field)	Field	8.57		N/A	pH Units	02/25/20	02/25/20	2009076	
Temperature (Field)	Field	17.5		N/A	°C	02/25/20	02/25/20	2009076	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
E. Coli	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/25/20	02/27/20	2009129	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/25/20	02/26/20	2009099	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/25/20	02/26/20	2009099	
Turbidity	EPA 180.1	0.2	0.1	5	NTU	02/25/20	02/26/20	2009099	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	02/25/20	02/25/20	2009041	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 4th Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1920
Received: 02/25/20 16:11
Reported: 03/02/20

2500 PCH (S-13-005 Zone:2)

20B1920-05 (Water)

Sample Date: 02/25/20 10:00 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.02		N/A	mg/L	02/25/20	02/25/20	2009076	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	02/25/20	02/25/20	2009076	
pH (Field)	Field	8.61		N/A	pH Units	02/25/20	02/25/20	2009076	
Temperature (Field)	Field	16.3		N/A	°C	02/25/20	02/25/20	2009076	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
E. Coli	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/25/20	02/27/20	2009129	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	02/25/20	02/26/20	2009099	
Odor Threshold	EPA 140.1-M	1	1	3	TON	02/25/20	02/26/20	2009099	
Turbidity	EPA 180.1	ND	0.1	5	NTU	02/25/20	02/26/20	2009099	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.48	0.40	10	mg/L	02/25/20	02/25/20	2009041	
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25417 Pennsylvania Ave (S13-008 Zone:1)

20B1920-06 (Water)

Sample Date: 02/25/20 9:53 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.01		N/A	mg/L	02/25/20	02/25/20	2009076	
Cl Res Total (Field)	Field	1.9		N/A	mg/L	02/25/20	02/25/20	2009076	
pH (Field)	Field	8.6		N/A	pH Units	02/25/20	02/25/20	2009076	
Temperature (Field)	Field	17.1		N/A	°C	02/25/20	02/25/20	2009076	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
E. Coli	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/25/20	02/27/20	2009129	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.49	0.40	10	mg/L	02/25/20	02/25/20	2009041	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 4th Week of February, 2020
Project Manager: Mark Andersen

Work Order: 20B1920
Received: 02/25/20 16:11
Reported: 03/02/20

2052 Dawn St (A Zone:1)

20B1920-07 (Water)

Sample Date: 02/25/20 9:15 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
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Field Analyses

Cl Res Free (Field)	Field	0.02		N/A	mg/L	02/25/20	02/25/20	2009076	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	02/25/20	02/25/20	2009076	
pH (Field)	Field	8.59		N/A	pH Units	02/25/20	02/25/20	2009076	
Temperature (Field)	Field	15.3		N/A	°C	02/25/20	02/25/20	2009076	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
E. Coli	SM 9223	A		N/A	P/A	02/25/20	02/26/20	2009094	
Plate Count	SM9215B	ND	1	500	CFU/ml	02/25/20	02/27/20	2009129	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	02/25/20	02/25/20	2009041	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

20B1920

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

7/2/7

Client		City of Lomita		System Number		Analysis Requested									
Address		24373 Walnut Avenue		1910073		Total Coliform / E. Coli, P-A / HPC General Physical Nitrate Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: <u>Auto Calibrating</u> DPD Reagent Exp.: <u>Jun-21</u> 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: <u>Auto Calibrating</u> DPD Reagent exp. date: <u>Apr-22</u> 3. pH and Temperature - HACH, HQ11d Calibration Date: <u>7-8-19</u>									
		Lomita, CA 91717													
Phone #		(310)903-2243													
Fax #				Destination Laboratory											
Project		Standard Analysis		[X] Clinical Laboratory											
Sub Project		Weekly Distribution Samples: 4th week of February, 2020		RWQCB Compliance											
Comments				YES											
Sampled by		P.M.		1088											
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine					
2/25/2020	0845	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	15.2°	0.02	8.69	2.6	X		X		
2/25/2020	0830	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	13.9°	0.03	8.56	2.5	X		X		
2/25/2020	0900	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	14.3°	0.01	8.70	2.9	X		X		
2/25/2020	0945	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	12.5°	0.01	8.57	2.0	X	X	X		
2/25/2020	1000	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	16.3°	0.02	8.61	2.2	X	X	X		
2/25/2020	0953	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	17.1°	0.01	8.60	1.9	X		X		
2/25/2020	0915	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	15.3°	0.02	8.59	2.2	X		X		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl															
(5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:															
Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist.															
Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special															
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)									
Patrick McCue		Patrick McCue / City of Lomita		2/25/2020		204 411 [Signature] [Signature]									
[Signature]		D. Chapman / USB		4		[Signature] [Signature]									
Samples received: (X) On ice (X) Intact () Custody seals Temp <u>8.7</u> () F () C															
Shipped Via [] Fed X [] Golden State [] UPS [] Client [] Other Page <u>1</u> of <u>1</u>															