State Water Resources Control Board

Division of Drinking Water

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

CITY OF LOMITA	1910073
Sampling Period: Month: MAY	Year: 2019

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	20	20	0	0
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E.coli ***Negative*** (see notes 5 and 6)		0	0	0
3. Repeat Samples Following Routine Samples Which are Total Coliform ***Positive*** and Fecal/E.coli Positive (see notes 5 and 6)		0	0	0
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)	20	20	0	
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]	N/A			
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)		0	0	0

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	Date
Mark Andersen	Chief Water Operations Manager	6/10/2019

Comments: No groundwater source

1. Routine samples include:
   a. 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.
   b. 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;
   c. 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):**
   a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
   b. 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.**

CITY OF LOMITA
MONTHLY CHLORINE RESIDUAL SUMMARY

Apr-19

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	4/2/2019	8:25 AM	2.04	A	A	2
13-2 26314 S. Monte Vta.	4/2/2019	8:10 AM	2.01	A	A	3
13-3 1948 W. 252nd St.	4/22019	8:30 AM	3.00	A	A	1
13-4 24632 S. Moon Ave.	4/2/2019	8:50 AM	3.00	A	A	1
13-5 2500 PCH	4/2/2019	9:05 AM	2.12	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	4/9/2019	8:00 AM	2.01	A	A	2
13-2 26314 S. Monte Vta.	4/9/2019	7:50 AM	2.04	A	A	3
13-3 1948 W. 252nd St.	4/9/2019	8:10 AM	3.20	A	A	1
13-4 24632 S. Moon Ave.	4/9/2019	8:35 AM	3.30	A	A	1
13-5 2500 PCH	4/9/2019	9:10 AM	2.12	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	4/17/2019	8:00 AM	2.50	A	A	2
13-2 26314 S. Monte Vta.	4/17/2019	7:50 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	4/17/2019	8:10 AM	2.90	A	A	1
13-4 24632 S. Moon Ave.	4/17/2019	10:20 AM	3.10	A	A	1
13-5 2500 PCH	4/17/2019	10:40 AM	2.20	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	4/23/2019	8:05 AM	2.80	A	A	2
13-2 26314 S. Monte Vta.	4/23/2019	7:50 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	4/23/2019	8:15 AM	3.10	A	A	1
13-4 24632 S. Moon Ave.	4/23/2019	8:40 AM	3.40	A	A	1
13-5 2500 PCH	4/23/2019	8:55 AM	2.04	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	4/30/2019	7:45 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	4/30/2019	7:35 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	4/30/2019	7:55 AM	3.10	A	A	1
13-4 24632 S. Moon Ave.	4/30/2019	8:15 AM	3.30	A	A	1
13-5 2500 PCH	4/30/2019	8:35 AM	2.16	A	A	2

Average	2.59

SIGNATURE: _____

Mark Andersen, Chief Water Operations Manager

May-19

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	5/7/2019	8:35 AM	2.24	A	A	2
13-2 26314 S. Monte Vta.	5/7/2019	8:20 AM	2.18	A	A	3
13-3 1948 W. 252nd St.	5/7/2019	8:45 AM	3.30	A	A	1
13-4 24632 S. Moon Ave.	5/7/2019	9:20 AM	3.30	A	A	1
13-5 2500 PCH	5/7/2019	9:55 AM	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	5/14/2019	8:10 AM	2.12	A	A	2
13-2 26314 S. Monte Vta.	5/14/2019	8:00 AM	2.16	A	A	3
13-3 1948 W. 252nd St.	5/14/2019	8:20 AM	2.80	A	A	1
13-4 24632 S. Moon Ave.	5/14/2019	8:45 AM	2.90	A	A	1
13-5 2500 PCH	5/14/2019	9:00 AM	2.08	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	5/22/2019	8:40 AM	2.00	A	A	2
13-2 26314 S. Monte Vta.	5/22/2019	8:30 AM	2.19	A	A	3
13-3 1948 W. 252nd St.	5/22/2019	8:55 AM	2.00	A	A	1
13-4 24632 S. Moon Ave.	5/22/2019	9:20 AM	2.00	A	A	1
13-5 2500 PCH	5/22/2019	9:40 AM	1.87	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	5/28/2019	8:50 AM	2.12	A	A	2
13-2 26314 S. Monte Vta.	5/28/2019	8:40 AM	2.02	A	A	3
13-3 1948 W. 252nd St.	5/28/2019	8:58AM	2.14	A	A	1
13-4 24632 S. Moon Ave.	5/28/2019	9:20 AM	2.00	A	A	1
13-5 2500 PCH	5/28/2019	9:35 AM	2.02	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	2.28

DATE: 6/10/2019

CITY OF LOMITA

RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE

System Name CITY OF LOMITA

System No. 1910073 Month: MAY Year: 2019

I. DISINFECTED WELLS (Raw Water Bacteriological Sampling Prior to Disinfection)

Well Name or Number	Station Code	Status	Frequency of Sampling	Sampling Date	Total Coliform Result	Fecal Coliform Result
13-5	1910073-003	Online	Monthly	5/14/2019	Absent	Absent

COMMENTS:

Signature	Date
Mark Andersen, Chief Water Operations Manager	6/10/2019

CITY OF LOMITA
PUBLIC WORKS DEPARTMENT

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

SYSTEM NO: **1910073** MONTH: **MAY** YEAR: **2019**

SOURCE NAME	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
WELL 13-5	1 NEG	1 NEG	1 NEG	1 NEG	1 NEG							
TOTAL	1	1	1	1	1	0						

EXAMPLES: 1 / NEG; 1 pos / 1 neg.; OFFLINE; NOT TAKEN; STANDBY

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: 6/10/2019

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: **May** Year: **2019**

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 - Total No. samples with no residual and/or HPC > 500 X 100 = Total No. residual and/or HPC samples collected	100
Meets Standard (i.e. V > 95%) (Y/N)?	Y

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	0	
Color	0	
Turbidity	0	
Suspended Solids	0	
Other (Describe)	0	

Reports of Gastrointestinal Illness (Attach additional sheets if necessary):

Persons Reporting	Date	Corrective Actions Taken

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

Signature: Date: 6/10/2019

Mark Andersen, Chief Water Operations Manager

CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY

Apr-19

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.	4/2/2019	8:30AM	ND	2	ND	8.16	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	4/2/2019	9:05 AM	ND	1	ND	8.76	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	4/9/2019	7:50 AM	ND	1	0.1	8.83	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	4/9/2019	8:35 AM	ND	1	ND	8.05	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	4/17/2019	8:00 AM	ND	1	ND	8.84	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	4/17/2019	10:40 AM	ND	1	ND	8.81	2
Location							Zone
13-1 1912 W. 259th Pl.	4/23/2019	8:05 AM	ND	1	ND	8.86	2
13-2 26314 S. Monte Vta.	4/23/2019	7:50 AM	ND	1	0.1	8.83	3
13-3 1948 W. 252nd St.							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.	4/30/2019	7:55 AM	ND	2	ND	8.21	1
13-4 24632 S. Moon Ave.	4/30/2019	8:15 AM	ND	2	ND	8.14	1
13-5 2500 PCH							2

May-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	5/7/2019	8:20 AM	ND	1	ND	8.81	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	5/7/2019	9:15 AM	ND	1	ND	8.80	2
Location							Zone
13-1 1912 W. 259th Pl.	5/14/2019	8:10 AM	ND	2	ND	8.81	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	5/14/2019	8:20 AM	ND	2	ND	8.24	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.	5/22/2019	9:20 AM	ND	1	0.1	8.71	1
13-5 2500 PCH	5/22/2019	9:40 AM	ND	1	ND	8.73	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	5/28/2019	8:40 AM	ND	2	ND	8.81	3
13-3 1948 W. 252nd St.	5/28/2019	8:58 AM	ND	2	ND	8.84	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.							1
13-5 2500 PCH							2

SIGNATURE: _____

Mark Andersen, Chief Water Operations Manager

DATE: 6/10/2019

[1] MONTHLY NITRIFICATION MONITORING SUMMARY REPORT
CITY OF LOMITA, System No. 1910073 --- Month, Year: **MAY 2019**

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Chlorine	Free Chlorine	Total Ammonia	Free Ammonia	Nitrite[3]	Nitrate	Coliform[2]	HPC	Zone	Comments
Units/Others →				MM/DD/YYYY	°C		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	P/A	CFU/ml		
1	D	S13-003	1948 W 252nd St	5/7/2019	19.6	8.26	3.30	0.04	0.54	0.00	0.010	ND	A	4	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	5/7/2019	20.7	8.19	3.30	0.01	0.19	0.00	0.010	ND	A	2	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	5/7/2019	21.4	8.24	3.40	0.06	0.56	0.04	0.010	ND	A	7	1	Well/MWD Blend
4	D	A	2052 Dawn St	5/7/2019	21.6	8.17	2.11	0.00	0.39	0.11	0.090	0.44	A	30	1	Well/MWD Blend
5	D		Reservoir SP5	5/7/2019	20.1	8.27	3.44	0.04	0.56	0.00	0.009	ND	A	1	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	5/7/2019	17.5	8.79	2.24	0.03	0.09	0.03	0.006	0.48	A	5	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	5/7/2019	17.5	8.81	2.18	0.03	0.43	0.07	0.007	0.47	A	30	3	MWD Only
8	D	S13-005	2500 PCH	5/7/2019	18.2	8.80	2.20	0.03	0.44	0.00	0.009	0.48	A	7	2	MWD Only
1	D	S13-003	1948 W 252nd St	5/14/2019	20.0	8.24	2.80	0.04	0.49	0.00	0.008	ND	A	5	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	5/14/2019	21.1	8.16	2.90	0.05	0.39	0.00	0.006	ND	A	9	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	5/14/2019	21.6	8.19	3.10	0.06	0.51	0.00	0.009	ND	A	3	1	Well/MWD Blend
4	D	A	2052 Dawn St	5/14/2019	21.9	8.17	2.00	0.05	0.43	0.06	0.006	ND	A	26	1	Well/MWD Blend
5	D		Reservoir SP5	5/14/2019	19.7	8.30	3.21	0.08		0.00	0.008	ND	A	1	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	5/14/2019	18.3	8.81	2.12	0.56	0.49	0.04	0.005	0.46	A	10	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	5/14/2019	18.7	8.78	2.16	0.08	0.47	0.00	0.006	0.46	A	1	3	MWD Only
8	D	S13-005	2500 PCH	5/14/2019	18.8	8.78	2.08	0.07	0.51	0.03	0.006	0.46	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	5/21/2019	17.9	8.80	2.00	0.06	0.24	0.00	0.009	0.40	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	5/21/2019	19.9	8.71	2.00	0.05	0.48	0.00	0.007	0.42	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	5/21/2019	20.4	8.67	1.81	0.06	0.46	0.06	0.008	0.48	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	5/21/2019	20.1	8.76	1.74	0.04	0.39	0.09	0.007	0.44	A	24	1	Well/MWD Blend
5	D		Reservoir SP5	5/21/2019						0.00	0.008				1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	5/21/2019	18.3	8.78	2.00	0.04	0.46	0.01	0.007	0.41	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	5/21/2019	17.8	8.73	2.19	0.04	0.24	0.03	0.007	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	5/21/2019	19.9	8.73	1.87	0.05	0.39	0.04	0.007	0.42	A	3	2	MWD Only
1	D	S13-003	1948 W 252nd St	5/28/2019	18.4	8.84	2.14	0.04	0.53	0.00	0.008	0.41	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	5/28/2019	20.4	8.76	2.00	0.05	0.33	0.01	0.009	0.43	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	5/28/2019	20.6	8.72	1.74	0.03	0.13	0.03	0.011	0.49	A	11	1	Well/MWD Blend
4	D	A	2052 Dawn St	5/28/2019	21.1	8.73	1.67	0.02	0.38	0.03	0.011	0.45	A	21	1	Well/MWD Blend
5	D		Reservoir SP5	5/28/2019											1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	5/28/2019	18.8	8.83	2.12	0.04	0.42	0.00	0.011	0.41	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	5/28/2019	18.1	8.81	2.02	0.03	0.46	0.01	0.012	0.41	A	1	3	MWD Only
8	D	S13-005	2500 PCH	5/28/2019	20.4	8.74	2.02	0.06	0.24	0.01	0.010	0.44	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St													Well/MWD Blend
2	D	S13-004	24632 S Moon Ave													Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave													Well/MWD Blend
4	D	A	2052 Dawn St													Well/MWD Blend
5	D		Reservoir													Well/MWD Blend
6	D	S13-001	1912 W 259th St													Well/MWD Blend
7	D	S13-002	26314 S Monte Vista Ave													MWD Only
8	D	S13-005	2500 PCH													MWD Only
																MWD Only

[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 I, in accordance with the Nitrification Monitoring Plan. Due to elevated reads additional hydrant flushing has been implemented.

APPENDIX A

LABORATORY RESULTS

11 May 2019

Clinical Lab No.: 19E0570

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

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples:=1st Week of May, 2019

Enclosed are the results of the analyses for samples received at the laboratory on 05/07/19 . 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

Chiral 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 May, 2019 Project Manager: Mark Andersen	Work Order: 19E0570 Received: 05/07/19 17:20 Reported: 05/11/19

1912 W. 259th St. (S13-001 Zone: 2) **19E0570-01 (Water)** **Sample Date:** 05/07/19 8:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**2.24**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.79**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**17.5**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**5**	1	500	CFU/ml	05/07/19	05/09/19	1919143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	**0.48**	0.40	10	mg/L	05/08/19	05/08/19	1919098	

26314 Monte Vista (S13-002 Zone:3) **19E0570-02 (Water)** **Sample Date:** 05/07/19 8:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**2.18**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.81**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**17.5**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**30**	1	500	CFU/ml	05/07/19	05/09/19	1919143	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/07/19	05/07/19	1919122	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	05/07/19	05/07/19	1919122	
Turbidity	EPA 180.1	ND	0.1	5	NTU	05/07/19	05/07/19	1919122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	**0.47**	0.40	10	mg/L	05/08/19	05/08/19	1919098	

Clinical Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order: 19E0570
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples:=1st Week of May, 2019	Received: 05/07/19 17:20
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 05/11/19

1948 W. 252nd St. (S13-003 Zone: 1) **19E0570-03 (Water)** **Sample Date:** 05/07/19 8:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**3.3**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.26**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**19.6**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**4**	1	500	CFU/ml	05/07/19	05/09/19	1919143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	05/08/19	05/08/19	1919098	

24632 S. Moon Ave. (S13-004 Zone:1) **19E0570-04 (Water)** **Sample Date:** 05/07/19 9:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.01**		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**3.3**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.19**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**20.7**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**2**	1	500	CFU/ml	05/07/19	05/09/19	1919143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	05/08/19	05/08/19	1919098	

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 May, 2019 Project Manager: Mark Andersen	Work Order: 19E0570 Received: 05/07/19 17:20 Reported: 05/11/19

2500 PCH (S-13-005 Zone:2) **19E0570-05 (Water)** **Sample Date:** 05/07/19 9:55 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.8**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**18.2**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**9**	1	500	CFU/ml	05/07/19	05/09/19	1919143	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/07/19	05/07/19	1919122	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	05/07/19	05/07/19	1919122	
Turbidity	EPA 180.1	ND	0.1	5	NTU	05/07/19	05/07/19	1919122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	**0.48**	0.40	10	mg/L	05/08/19	05/08/19	1919098	

25417 Pennsylvania Ave (S13-008 Zone:1) **19E0570-06 (Water)** **Sample Date:** 05/07/19 9:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**3.4**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.24**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**21.4**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**7**	1	500	CFU/ml	05/07/19	05/09/19	1919143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	05/08/19	05/08/19	1919098	

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 May, 2019 Project Manager: Mark Andersen	Work Order: 19E0570 Received: 05/07/19 17:20 Reported: 05/11/19

2052 Dawn St (A Zone:1) **19E0570-07 (Water)** **Sample Date:** 05/07/19 9:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**2.11**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.17**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**21.6**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**30**	1	500	CFU/ml	05/07/19	05/09/19	1919143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	**0.44**	0.40	10	mg/L	05/08/19	05/08/19	1919098	

CWPF SP5 **19E0570-08 (Water)** **Sample Date:** 05/07/19 11:55 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/07/19	05/07/19	1919083	
Cl Res Total (Field)	Field	**3.44**		N/A	mg/L	05/07/19	05/07/19	1919083	
pH (Field)	Field	**8.27**		N/A	pH Units	05/07/19	05/07/19	1919083	
Temperature (Field)	Field	**20.1**		N/A	°C	05/07/19	05/07/19	1919083	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
E. Coli	SM 9223	A		N/A	P/A	05/07/19	05/08/19	1919105	
Plate Count	SM9215B	**1**	1	500	CFU/ml	05/07/19	05/09/19	1919143	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	05/08/19	05/08/19	1919098	

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.

Chain of Custody

19E0570 8/2/18

Client	City of Lomita
Address	24373 Walnut Avenue
	Lomita, CA 91717
Phone #	(310)903-2243
Fax #	
Project	Standard Analysis
Sub Project	Weekly Distribution Samples: 1st Week of May, 2019
Comments	
Sampled by	P.M.

System Number: 1910073

Destination Laboratory: [X] Clinical Laboratory

RWQCB Compliance: YES

1088

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Analysis Requested: Total Coliform / E. Coli, P-A / HPC	General Physical	Nitrate
5/7/2019	0835	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	17.5°	0.03	8.79	2.24	x		x
5/7/2019	0820	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	17.5°	0.03	8.81	2.18	x	x	x
5/7/2019	0845	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	19.6°	0.04	8.26	3.30	x		x
5/7/2019	0920	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	20.7°	0.01	8.19	3.30	x		x
5/7/2019	0955	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	18.2°	0.03	8.80	2.20	x	x	x
5/7/2019	0945	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	21.4°	0.06	8.24	3.4	x		x
5/7/2019	0900	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	21.6°	Ø	8.17	2.11	x		x
5/7/2019	1155	CWPF SP5				8	20.1°	0.04	8.27	3.44	x		x

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO_3 (4) NH_4Cl (5) H_2SO_4 (6) Na_2SO_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	5/7/2019 200	D Chapparo / CCSB
D Chapparo	D Chapparo / CCSB	5 520	Jeanette Hernandez / CCSB

Shipped Via [ ] Fed X [ ] Golden State [ ] UPS [ ] Client [ ] Other

Samples received: (X) On ice ( ) Intact ( ) Custody seals Temp 4.6 ( ) F ( ) C

20 May 2019

Clinical Lab No.: 19E1247

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

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples:2nd Week of May, 2019

Enclosed are the results of the analyses for samples received at the laboratory on 05/14/19 . 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:2nd Week of May, 2019 Project Manager: Mark Andersen	Work Order: 19E1247 Received: 05/14/19 18:47 Reported: 05/20/19

1912 W. 259th St. (S13-001 Zone: 2) **19E1247-01 (Water)** **Sample Date:** 05/14/19 8:10 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.56**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**2.12**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.81**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**18.3**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**10**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/14/19	05/14/19	1920142	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	05/14/19	05/14/19	1920142	
Turbidity	EPA 180.1	ND	0.1	5	NTU	05/14/19	05/14/19	1920142	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.46**	0.40	10	mg/L	05/15/19	05/15/19	1920071	

26314 Monte Vista (S13-002 Zone:3) **19E1247-02 (Water)** **Sample Date:** 05/14/19 8:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.08**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**2.16**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.78**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**18.7**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**1**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.46**	0.40	10	mg/L	05/15/19	05/15/19	1920071	

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 May, 2019 Project Manager: Mark Andersen	Work Order: 19E1247 Received: 05/14/19 18:47 Reported: 05/20/19

1948 W. 252nd St. (S13-003 Zone: 1) **19E1247-03 (Water)** **Sample Date:** 05/14/19 8:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**2.8**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.24**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**20**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**5**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/14/19	05/14/19	1920142	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	05/14/19	05/14/19	1920142	
Turbidity	EPA 180.1	ND	0.1	5	NTU	05/14/19	05/14/19	1920142	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	05/15/19	05/15/19	1920071	

24632 S. Moon Ave. (S13-004 Zone:1) **19E1247-04 (Water)** **Sample Date:** 05/14/19 8:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**2.9**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.16**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**21.1**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**9**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	05/15/19	05/15/19	1920071	

Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis Sub Project: Weekly Dist. Samples:2nd Week of May, 2019 Project Manager: Mark Andersen	Work Order: 19E1247 Received: 05/14/19 18:47 Reported: 05/20/19

2500 PCH (S-13-005 Zone:2) **19E1247-05 (Water)** **Sample Date:** 05/14/19 9:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.07**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**2.08**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.78**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**18.8**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.46**	0.40	10	mg/L	05/15/19	05/15/19	1920071	

25417 Pennsylvania Ave (S13-008 Zone:1) **19E1247-06 (Water)** **Sample Date:** 05/14/19 8:55 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**3.1**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.19**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**21.6**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**3**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	05/15/19	05/15/19	1920071	

Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis Sub Project: Weekly Dist. Samples:2nd Week of May, 2019 Project Manager: Mark Andersen	Work Order: 19E1247 Received: 05/14/19 18:47 Reported: 05/20/19

2052 Dawn St (A Zone:1) **19E1247-07 (Water)** **Sample Date:** 05/14/19 8:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**2**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.17**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**21.9**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**26**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	05/15/19	05/15/19	1920071	

CWPF SP5 **19E1247-08 (Water)** **Sample Date:** 05/14/19 10:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.08**		N/A	mg/L	05/14/19	05/14/19	1920121	
Cl Res Total (Field)	Field	**3.21**		N/A	mg/L	05/14/19	05/14/19	1920121	
pH (Field)	Field	**8.3**		N/A	pH Units	05/14/19	05/14/19	1920121	
Temperature (Field)	Field	**19.7**		N/A	°C	05/14/19	05/14/19	1920121	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**1**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	05/15/19	05/15/19	1920071	

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

19E1247

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

8/2/18

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717		
Phone #	(310)903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*Weekly Distribution Samples: 2nd Week of May, 2019*	*YES*	
Comments		1088	
Sampled by	*P.M.*		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform / E. Coli, P-A / HPC	General Physical	Nitrate		
5/14/2019	0810	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	18.3°	0.56	8.81	2.12	x	x	x		
5/14/2019	0800	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	18.7°	0.08	8.78	2.16	x		x		
5/14/2019	0820	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	20.0°	0.04	8.24	2.80	x	x	x		
5/14/2019	0845	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	21.1°	0.05	8.16	2.90	x		x		
5/14/2019	0900	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	18.8°	0.07	8.78	2.08	x		x		
5/14/2019	0855	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	21.6°	0.06	8.19	3.10	x		x		
5/14/2019	0830	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	21.9°	0.05	8.17	2.00	x		x		
5/14/2019	1030	CWPF SP5	DW	1,7	1D	8	17.7°	0.08	8.30	3.21	x		x		

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO_3 (4) NH_4Cl (5) H_2SO_4 (6) Na_2SO_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	5/14/2019 1254	D Chaparro / CSB
D Chaparro	D Chaparro / CSB	1647	CSB

Samples received: (X) On ice (X) Intact ( ) Custody seals Temp 3.7 ( ) F ( ) C

Shipped Via [ ] Fed X [ ] Golden State [ ] UPS [ ] Client [ ] Other

29 May 2019

Clinical Lab No.: 19E1911

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

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples: 3rd Week of May, 2019

Enclosed are the results of the analyses for samples received at the laboratory on 05/22/19 . 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	Project: Standard Analysis	Work Order: 19E1911
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples: 3rd Week of May, 2019	Received: 05/22/19 14:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 05/29/19

1912 W. 259th St. (S13-001 Zone: 2) **19E1911-01 (Water)** **Sample Date:** 05/22/19 8:40 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/22/19	05/22/19	1921175	
Cl Res Total (Field)	Field	**2**		N/A	mg/L	05/22/19	05/22/19	1921175	
pH (Field)	Field	**8.78**		N/A	pH Units	05/22/19	05/22/19	1921175	
Temperature (Field)	Field	**18.3**		N/A	°C	05/22/19	05/22/19	1921175	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
E. Coli	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/22/19	05/24/19	1921207	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.41**	0.40	10	mg/L	05/22/19	05/22/19	1921099	

26314 Monte Vista (S13-002 Zone:3) **19E1911-02 (Water)** **Sample Date:** 05/22/19 8:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/22/19	05/22/19	1921175	
Cl Res Total (Field)	Field	**2.19**		N/A	mg/L	05/22/19	05/22/19	1921175	
pH (Field)	Field	**8.73**		N/A	pH Units	05/22/19	05/22/19	1921175	
Temperature (Field)	Field	**17.8**		N/A	°C	05/22/19	05/22/19	1921175	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
E. Coli	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/22/19	05/24/19	1921207	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	05/22/19	05/22/19	1921099	

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 May, 2019 Project Manager: Mark Andersen	Work Order: 19E1911 Received: 05/22/19 14:00 Reported: 05/29/19

1948 W. 252nd St. (S13-003 Zone: 1) **19E1911-03 (Water)** **Sample Date:** 05/22/19 8:55 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	05/22/19	05/22/19	1921175	
Cl Res Total (Field)	Field	**2**		N/A	mg/L	05/22/19	05/22/19	1921175	
pH (Field)	Field	**8.8**		N/A	pH Units	05/22/19	05/22/19	1921175	
Temperature (Field)	Field	**17.9**		N/A	°C	05/22/19	05/22/19	1921175	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
E. Coli	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/22/19	05/24/19	1921207	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.40**	0.40	10	mg/L	05/22/19	05/22/19	1921099	

24632 S. Moon Ave. (S13-004 Zone:1) **19E1911-04 (Water)** **Sample Date:** 05/22/19 9:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	05/22/19	05/22/19	1921175	
Cl Res Total (Field)	Field	**2**		N/A	mg/L	05/22/19	05/22/19	1921175	
pH (Field)	Field	**8.71**		N/A	pH Units	05/22/19	05/22/19	1921175	
Temperature (Field)	Field	**19.9**		N/A	°C	05/22/19	05/22/19	1921175	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
E. Coli	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/22/19	05/24/19	1921207	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/22/19	05/22/19	1921185	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	05/22/19	05/22/19	1921185	
Turbidity	EPA 180.1	**0.1**	0.1	5	NTU	05/22/19	05/22/19	1921185	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.42**	0.40	10	mg/L	05/22/19	05/22/19	1921099	

Clinical Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order: 19E1911
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples: 3rd Week of May, 2019	Received: 05/22/19 14:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 05/29/19

2500 PCH (S-13-005 Zone:2) **19E1911-05 (Water)** **Sample Date:** 05/22/19 9:40 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	05/22/19	05/22/19	1921175	
Cl Res Total (Field)	Field	**1.87**		N/A	mg/L	05/22/19	05/22/19	1921175	
pH (Field)	Field	**8.73**		N/A	pH Units	05/22/19	05/22/19	1921175	
Temperature (Field)	Field	**19.9**		N/A	°C	05/22/19	05/22/19	1921175	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
E. Coli	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
Plate Count	SM9215B	**3**	1	500	CFU/ml	05/22/19	05/24/19	1921207	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/22/19	05/22/19	1921185	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	05/22/19	05/22/19	1921185	
Turbidity	EPA 180.1	ND	0.1	5	NTU	05/22/19	05/22/19	1921185	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.42**	0.40	10	mg/L	05/22/19	05/22/19	1921099	

25417 Pennsylvania Ave (S13-008 Zone:1) **19E1911-06 (Water)** **Sample Date:** 05/22/19 9:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	05/22/19	05/22/19	1921175	
Cl Res Total (Field)	Field	**1.81**		N/A	mg/L	05/22/19	05/22/19	1921175	
pH (Field)	Field	**8.67**		N/A	pH Units	05/22/19	05/22/19	1921175	
Temperature (Field)	Field	**20.4**		N/A	°C	05/22/19	05/22/19	1921175	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
E. Coli	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/22/19	05/24/19	1921207	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.48**	0.40	10	mg/L	05/22/19	05/22/19	1921099	

Clinical Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order: 19E1911
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples: 3rd Week of May, 2019	Received: 05/22/19 14:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 05/29/19

2052 Dawn St (A Zone:1) **19E1911-07 (Water)** **Sample Date:** 05/22/19 9:10 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/22/19	05/22/19	1921175	
Cl Res Total (Field)	Field	**1.74**		N/A	mg/L	05/22/19	05/22/19	1921175	
pH (Field)	Field	**8.76**		N/A	pH Units	05/22/19	05/22/19	1921175	
Temperature (Field)	Field	**20.1**		N/A	°C	05/22/19	05/22/19	1921175	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
E. Coli	SM 9223	A		N/A	P/A	05/22/19	05/23/19	1921163	
Plate Count	SM9215B	**24**	1	500	CFU/ml	05/22/19	05/24/19	1921207	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.44**	0.40	10	mg/L	05/22/19	05/22/19	1921099	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

7/2

Chain of Custody

19E1911

Client	City of Lomita	**System Number**	**Analysis Requested**
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717	*Destination Laboratory*	
Phone #	(310)903-2243	[X] Clinical Laboratory	
Fax #		*RWQCB Compliance*	
Project	*Standard Analysis*	*YES*	
Sub Project	*Weekly Distribution Samples: 3rd Week of May, 2019*	1088	
Comments			
Sampled by	*P.M.*		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform / E. Coli, P-A / HPC	General Physical	Nitrate		
5/22/2019	0840	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	18.3°	.04	8.78	2.00	x		x		
5/22/2019	0830	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	17.8°	.04	8.73	2.19	x		x		
5/22/2019	0855	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	17.9°	.06	8.80	2.00	x		x		
5/22/2019	0920	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	19.9°	.05	8.71	2.00	x	x	x		
5/22/2019	0940	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	19.9°	.05	8.73	1.87	x	x	x		
5/22/2019	0930	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	20.4°	.06	8.67	1.81	x		x		
5/22/2019	0910	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	20.1°	.04	8.76	1.74	x		x		

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO3 (4) NH4Cl (5) H2SO4 (6) Na2SO3 (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	5/22/2019 10:45	J. McCue / CLB
	J. McCue / CLB	5-22-19 1400	

Samples received: (X) on ice ( ) Intact ( ) Custody seals Temp 6.2 ( ) F (X) C

Shipped Via [ ] Fed X [ ] Golden State [ ] UPS [ ] Client [ ] Other _____

31 May 2019

Clinical Lab No.: 19E2195

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

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples: 4th Week of May, 2019

Enclosed are the results of the analyses for samples received at the laboratory on 05/28/19 . 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: 4th Week of May, 2019 Project Manager: Mark Andersen	Work Order: 19E2195 Received: 05/28/19 17:15 Reported: 05/31/19

1912 W. 259th St. (S13-001 Zone: 2) **19E2195-01 (Water)** **Sample Date:** 05/28/19 8:50 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/28/19	05/28/19	1922037	
Cl Res Total (Field)	Field	**2.12**		N/A	mg/L	05/28/19	05/28/19	1922037	
pH (Field)	Field	**8.83**		N/A	pH Units	05/28/19	05/28/19	1922037	
Temperature (Field)	Field	**18.8**		N/A	°C	05/28/19	05/28/19	1922037	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
E. Coli	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/28/19	05/30/19	1922115	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.41**	0.40	10	mg/L	05/29/19	05/29/19	1922047	

26314 Monte Vista (S13-002 Zone:3) **19E2195-02 (Water)** **Sample Date:** 05/28/19 8:40 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	05/28/19	05/28/19	1922037	
Cl Res Total (Field)	Field	**2.02**		N/A	mg/L	05/28/19	05/28/19	1922037	
pH (Field)	Field	**8.81**		N/A	pH Units	05/28/19	05/28/19	1922037	
Temperature (Field)	Field	**18.1**		N/A	°C	05/28/19	05/28/19	1922037	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
E. Coli	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
Plate Count	SM9215B	**1**	1	500	CFU/ml	05/28/19	05/30/19	1922115	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/28/19	05/28/19	1922090	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	05/28/19	05/28/19	1922090	
Turbidity	EPA 180.1	ND	0.1	5	NTU	05/28/19	05/28/19	1922090	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.41**	0.40	10	mg/L	05/29/19	05/29/19	1922047	

Lomita, City of	Project: Standard Analysis	Work Order: 19E2195
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples: 4th Week of May, 2019	Received: 05/28/19 17:15
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 05/31/19

1948 W. 252nd St. (S13-003 Zone: 1) **19E2195-03 (Water)** **Sample Date:** 05/28/19 8:58 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	05/28/19	05/28/19	1922037	
Cl Res Total (Field)	Field	**2.14**		N/A	mg/L	05/28/19	05/28/19	1922037	
pH (Field)	Field	**8.84**		N/A	pH Units	05/28/19	05/28/19	1922037	
Temperature (Field)	Field	**18.4**		N/A	°C	05/28/19	05/28/19	1922037	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
E. Coli	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/28/19	05/30/19	1922115	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	05/28/19	05/28/19	1922090	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	05/28/19	05/28/19	1922090	
Turbidity	EPA 180.1	ND	0.1	5	NTU	05/28/19	05/28/19	1922090	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.41**	0.40	10	mg/L	05/29/19	05/29/19	1922047	

24632 S. Moon Ave. (S13-004 Zone:1) **19E2195-04 (Water)** **Sample Date:** 05/28/19 9:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	05/28/19	05/28/19	1922037	
Cl Res Total (Field)	Field	**2**		N/A	mg/L	05/28/19	05/28/19	1922037	
pH (Field)	Field	**8.76**		N/A	pH Units	05/28/19	05/28/19	1922037	
Temperature (Field)	Field	**20.4**		N/A	°C	05/28/19	05/28/19	1922037	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
E. Coli	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/28/19	05/30/19	1922115	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.43**	0.40	10	mg/L	05/29/19	05/29/19	1922047	

Clinical Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order: 19E2195
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples: 4th Week of May, 2019	Received: 05/28/19 17:15
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 05/31/19

2500 PCH (S-13-005 Zone:2) **19E2195-05 (Water)** **Sample Date:** 05/28/19 9:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	05/28/19	05/28/19	1922037	
Cl Res Total (Field)	Field	**2.02**		N/A	mg/L	05/28/19	05/28/19	1922037	
pH (Field)	Field	**8.74**		N/A	pH Units	05/28/19	05/28/19	1922037	
Temperature (Field)	Field	**20.4**		N/A	°C	05/28/19	05/28/19	1922037	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
E. Coli	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/28/19	05/30/19	1922115	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.44**	0.40	10	mg/L	05/29/19	05/29/19	1922047	

25417 Pennsylvania Ave (S13-008 Zone:1) **19E2195-06 (Water)** **Sample Date:** 05/28/19 9:25 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	05/28/19	05/28/19	1922037	
Cl Res Total (Field)	Field	**1.74**		N/A	mg/L	05/28/19	05/28/19	1922037	
pH (Field)	Field	**8.72**		N/A	pH Units	05/28/19	05/28/19	1922037	
Temperature (Field)	Field	**20.6**		N/A	°C	05/28/19	05/28/19	1922037	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
E. Coli	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
Plate Count	SM9215B	**11**	1	500	CFU/ml	05/28/19	05/30/19	1922115	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.49**	0.40	10	mg/L	05/29/19	05/29/19	1922047	

Clinical Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order: 19E2195
24373 Walnut Avenue	Sub Project: Weekly Dist. Samples: 4th Week of May, 2019	Received: 05/28/19 17:15
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 05/31/19

2052 Dawn St (A Zone:1) **19E2195-07 (Water)** **Sample Date:** 05/28/19 9:10 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.02**		N/A	mg/L	05/28/19	05/28/19	1922037	
Cl Res Total (Field)	Field	**1.67**		N/A	mg/L	05/28/19	05/28/19	1922037	
pH (Field)	Field	**8.73**		N/A	pH Units	05/28/19	05/28/19	1922037	
Temperature (Field)	Field	**21.1**		N/A	°C	05/28/19	05/28/19	1922037	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
E. Coli	SM 9223	A		N/A	P/A	05/28/19	05/29/19	1922061	
Plate Count	SM9215B	**21**	1	500	CFU/ml	05/28/19	05/30/19	1922115	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.45**	0.40	10	mg/L	05/29/19	05/29/19	1922047	

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.

Chain of Custody

19E2195 7/2/7

Client	City of Lomita	System Number	
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717		
Phone #	(310)903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*Weekly Distribution Samples: 4th Week of May, 2019*	*YES*	
Comments		1088	
Sampled by	*P.M.*		

Analysis Requested

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform / E. Coli, P-A / HPC	General Physical	Nitrate
5/28/2019	0850	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	18.8°	0.04	8.83	2.12	x		x
5/28/2019	0840	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	18.1°	0.03	8.81	2.02	x	x	x
5/28/2019	0858	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	18.4°	0.04	8.84	2.14	x	x	x
5/28/2019	0920	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	20.4°	0.05	8.76	2.00	x		x
5/28/2019	0935	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	20.4°	0.06	8.74	2.02	x		x
5/28/2019	0925	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	20.6°	0.03	8.72	1.74	x		x
5/28/2019	0910	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	21.1°	0.02	8.73	1.67	x		x

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO3 (4) NH4Cl
(5) H2SO4 (6) Na2SO3 (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	5/28/2019	137	D Chiaparro / D Chiaparro / CLSB
W Chiaparro	D Chiaparro / CLSB	"	515	[signature]

Samples received: (X) On ice (X) Intact ( ) Custody seals Temp 7.6 ( )F ( ) C

Shipped Via [ ] Fed X [ ] Golden State [ ] UPS [ ] Client [ ] Other

28 May 2019

Clinical Lab No.: 19E1182

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

Project Name: Standard Analysis
Sub Project: CWPF Monthly Compliance Samples, 2nd Wk of May

Enclosed are the results of the analyses for samples received at the laboratory on 05/14/19 . 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

Citrus Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order:	19E1182
24373 Walnut Avenue	Sub Project: CWPF Monthly Compliance Samples, 2nd Wk of May	Received:	05/14/19 18:47
Lomita CA, 91717	Project Manager: Mark Andersen	Reported:	05/28/19

Raw Water Site #1 **19E1182-01 (Water)** **Sample Date:** 05/14/19 9:25 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	0		N/A	mg/L	05/14/19	05/14/19	1920110	
pH (Field)	Field	**7.81**		N/A	pH Units	05/14/19	05/14/19	1920110	
Temperature (Field)	Field	**22.6**		N/A	°C	05/14/19	05/14/19	1920110	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	**30**	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	**10.0**	3.0	15	Color Units	05/14/19	05/14/19	1920142	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**380**	6.6	N/A	mg/L	05/20/19	05/20/19	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**790**	5.0	1000	mg/L	05/15/19	05/17/19	1920074	
Metals									
Calcium (Ca)	EPA 200.7	**100**	1.0	N/A	mg/L	05/20/19	05/20/19	1921025	
Iron (Fe)	EPA 200.7	**180**	100	300	ug/L	05/21/19	05/21/19	1921062	
Magnesium (Mg)	EPA 200.7	**31**	1.0	N/A	mg/L	05/20/19	05/20/19	1921025	
Manganese (Mn)	EPA 200.7		20	50	ug/L	05/21/19	05/21/19	1921062	

Filter Effluent (Free Chlorine) Site #2 **19E1182-02 (Water)** **Sample Date:** 05/14/19 9:30 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**8.9**		N/A	mg/L	05/14/19	05/14/19	1920110	
pH (Field)	Field	**7.93**		N/A	pH Units	05/14/19	05/14/19	1920110	
Temperature (Field)	Field	**23.1**		N/A	°C	05/14/19	05/14/19	1920110	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
E. Coli	SM 9223	A		N/A	P/A	05/14/19	05/15/19	1920093	
Plate Count	SM9215B	ND	1	500	CFU/ml	05/14/19	05/16/19	1920143	HT-08

Clinical Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order:	19E1182
24373 Walnut Avenue	Sub Project: CWPF Monthly Compliance Samples, 2nd Wk of May	Received:	05/14/19 18:47
Lomita CA, 91717	Project Manager: Mark Andersen	Reported:	05/28/19

Filter Effluent (Total Chlorine) Site #3 **19E1182-03 (Water)** **Sample Date:** 05/14/19 9:30 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**8.7**		N/A	mg/L	05/14/19	05/14/19	1920110	
pH (Field)	Field	**7.9**		N/A	pH Units	05/14/19	05/14/19	1920110	
Temperature (Field)	Field	**23.5**		N/A	°C	05/14/19	05/14/19	1920110	
General Physical Analyses									
Apparent Color	SM 2120BM	**7.5**	3.0	15	Color Units	05/14/19	05/14/19	1920142	
Metals									
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	05/21/19	05/21/19	1921062	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	05/21/19	05/21/19	1921062	

Zone #2 Site #6 **19E1182-04 (Water)** **Sample Date:** 05/14/19 9:32 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.13**		N/A	mg/L	05/14/19	05/14/19	1920110	
pH (Field)	Field	**8.75**		N/A	pH Units	05/14/19	05/14/19	1920110	
Temperature (Field)	Field	**19.1**		N/A	°C	05/14/19	05/14/19	1920110	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**120**	6.6	N/A	mg/L	05/20/19	05/20/19	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**260**	5.0	1000	mg/L	05/15/19	05/17/19	1920074	
Metals									
Calcium (Ca)	EPA 200.7	**27**	1.0	N/A	mg/L	05/20/19	05/20/19	1921025	
Magnesium (Mg)	EPA 200.7	**12**	1.0	N/A	mg/L	05/20/19	05/20/19	1921025	

Clinical Laboratory of San Bernardino, Inc.

Lomita, City of	Project: Standard Analysis	Work Order:	19E1182
24373 Walnut Avenue	Sub Project: CWPF Monthly Compliance Samples, 2nd Wk of May	Received:	05/14/19 18:47
Lomita CA, 91717	Project Manager: Mark Andersen	Reported:	05/28/19

Reservoir Effluent Site #5 **19E1182-05 (Water)** **Sample Date:** 05/14/19 10:30 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**3.21**		N/A	mg/L	05/14/19	05/14/19	1920110	
pH (Field)	Field	**8.3**		N/A	pH Units	05/14/19	05/14/19	1920110	
Temperature (Field)	Field	**19.7**		N/A	°C	05/14/19	05/14/19	1920110	
General Physical Analyses									
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	05/14/19	05/14/19	1920142	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**220**	6.6	N/A	mg/L	05/20/19	05/20/19	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**480**	5.0	1000	mg/L	05/15/19	05/17/19	1920074	
Metals									
Calcium (Ca)	EPA 200.7	**55**	1.0	N/A	mg/L	05/20/19	05/20/19	1921025	
Magnesium (Mg)	EPA 200.7	**19**	1.0	N/A	mg/L	05/20/19	05/20/19	1921025	

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

AIR TECHNOLOGY Laboratories, Inc.

May 23, 2019

NELAP ACCREDITED LABORATORY

LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C, RSK-175

TX Cert T104704450-14-6
EPA Methods TO14A, TO15

UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

Clinical Laboratory of San Bernardino
ATTN: Stu Styles
21881 Barton Rd.
Grand Terrace, CA 92313

LABORATORY TEST RESULTS

Project Reference: 19E1182
Lab Number: K051601-01/0

Enclosed are results for sample(s) received 5/16/19 by Air Technology Laboratories. Samples were received intact and chilled to 3° C. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

- Unless otherwise noted in the report, sample analyses were performed within method performance criteria and meet all requirements of the TNI Standards.
- The enclosed results relate only to the sample(s).

ATL appreciates the opportunity to provide testing services to your company. If you have any questions regarding these results, please call me at (626) 964-4032.

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

Note: The cover letter is an integral part of this analytical report.

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

19E1182

SENDING LABORATORY:

Clinical Laboratory of San Bernardino
21881 Barton Road
Grand Terrace, CA 92313
Phone: 909.825.7693
Fax: 909.825.7696
Project Manager: Stu Styles

RECEIVING LABORATORY:

Air Technology Labs
18501 East Gale Avenue Suite 130
City of Industry, CA 91748
Phone :(626) 964-4032
Fax:

Please email results to Project Manager: Stu Styles
[ ] glaubig@clinical-lab.com [✓] styles@clinical-lab.com [ ] bernstein@clinical-lab.com

California EDT transfer those samples with PS codes provided [ ] Yes [✓] No
Water Trax Upload Client: _____ [ ] Yes [✓] No

Turn Around Time [ ] 10 Days [✓] 5 Days [ ] Other __ Days
Subcontract Comments:

Analysis **Comments**

Sample ID: Raw Water Site #1 / 19E1182-01 **Sampled: 05/14/19 09:25 PS Code:**
Water **WTX ID:**

Methane RSK175 Report in mg/L

Containers Supplied:

40mL Amber Vial pH<2 w/HCl (A) 40mL Amber Vial pH<2 w/HCl (B)

Sample ID: Reservoir Effluent Site #5 / 19E1182-05 **Sampled: 05/14/19 10:30 PS Code:**
Water **WTX ID:**

Methane RSK175 Report in mg/L

Containers Supplied:

40mL Amber Vial pH<2 w/HCl (B) 40mL Amber Vial pH<2 w/HCl (C)

Released By	Date / Time	Received By	Date / Time
[signature]	05/15/19 15:30	[signature]	5/16/19 8:00
[signature]	5/16/19 11:01		

Client: Clinical Labs
Attn: Stu Styles
Project Name: NA
Project No.: 19E1182
Date Received: 05/16/19
Matrix: Water
Reporting Units: mg/L

RSK175								
Lab No.:	K051601-01		K051601-02					
Client Sample I.D.:	Raw Water Site #1/19E1182-01		Reservoir Effluent Site #5/19E1182-05					
Date/Time Sampled:	5/14/19 9:25		5/14/19 10:30					
Date/Time Analyzed:	5/20/19 14:38		5/20/19 14:54					
QC Batch No.:	190520GC8A1		190520GC8A1					
Analyst Initials:	CM/AS		CM/AS					
Dilution Factor:	1.0		1.0					
ANALYTE	Result mg/L	RL mg/L	Result mg/L	RL mg/L				
Methane	2.4	0.0010	0.15	0.0010				

ND = Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date _____
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 190520GC8A1

Matrix: Air

Reporting Units: mg/L

RSK175
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	5/20/19 10:33			5/20/19 11:07		5/20/19 11:21					
Analyst Initials:	CM/AS			CM/AS		CM/AS					
Dilution Factor:	1.0			1.0		1.0					
ANALYTE	Result mg/L	RL mg/L	SPIKE AMT. mg/L	Result mg/L	% Rec.	Result mg/L	% Rec.	RPD	Low %Rec	High %Rec	Max. RPD
Methane	ND	0.0010	0.654	0.723	110	0.718	110	0.6	70	130	30

ND= Not Detected (below RL)
RL = Reporting Limit

Reviewed/Approved By: _____ Date _____
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

19E1182

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

2/3/12

Client	*City of Lomita*	**System Number**	**Analysis Requested**
Address	24373 Walnut Avenue Lomita, CA 91717	**1910073**	
Phone #	(310)903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*CWPF Monthly Compliance Samples; 2nd week of May, 2019*	*YES*	
Comments		**ELAP #**	
Sampled by	*Patrick McCue*	**1088**	

Date	Time	Sample Idenitification	Matrix	Type	Preserv	Temp.	pH	Total Chlorine	Total Dissolved Solids	Iron & Manganese	Total Coliform / E. Coli P-A / HPC	Hardness	Methane (Water) (RSK175)	Nitrate	Color	Odor			
5/14/2019	0925	Raw Water Site #1	GW	1W	N/A	22.6°	7.81	Ø	X	X					X				
5/14/2019	0925	Raw Water Site #1	GW	1W	1, 2, 7	22.6°	7.81	Ø			X	X	X						
5/14/2019	0930	Filter Effluent (Free Chlorine) Site#2	DW	1W	1,7	23.1°	7.93	8.9			X								
5/14/2019	0930	Filter Effluent (Total Chlorine) Site#3	DW	1W	N/A	23.5°	7.90	8.7		X					X				
5/14/2019	0932	Zone #2 Site #6	DW	1D	N/A	19.1°	8.75	2.13	X			X							
5/14/2019	1030	Reservoir Effluent Site #5	DW	1D	N/A	19.7°	8.30	3.21	X			X				X			
5/14/2019	1030	Reservoir Effluent Site #5	DW	1D	2,7	19.7°	8.30	3.21					X						

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO3 (4) NH4Cl (5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:_____

Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, A-Air 3-Replacement, 4-Special W-Well D- Dist.

Type- 1-Routine, 2-Repeat,

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (Sign)*	*Print Name / Company*
Patrick McCue	Patrick McCue /City of Lomita	5/14/2019 254	[signature]	DChaparro/LLSB
[signature]	DChaparro/LLSB	" 647	[signature]	Rebecca McLeod

Comments:

Samples received: (X) On ice (X) Intact ( ) Custody seals Temp 3.7 ( ) F ( ) C

Shipped Via [ ] *Fed X* [ ] *Golden State* [ ] *UPS* [ ] *Client* [ ] *Other*_____

Page 1 of 1

"Your Water and Wastewater Analysis Solution"