

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	Year		
October		2019		
	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/E.coli Positives
1. Routine Samples (see note 1)	<u>25</u>	<u>25</u>	<u>0</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>	<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>	<u>0</u>
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)	<u>25</u>	<u>25</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)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	No	
...with monthly MCL? (see note 4)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/>	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>	<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	Date
	Chief Water Operations Manager	11/4/2019

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.**

10/2009 - 8477

CITY OF LOMITA
MONTHLY CHLORINE RESIDUAL SUMMARY

Sep-19

Location	Date	Time	Cl2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	9/4/2019	9:05 AM	2.40	A	A	2
13-2 26314 S. Monte Vta.	9/4/2019	8:55 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	9/4/2019	9:15 AM	2.70	A	A	1
13-4 24632 S. Moon Ave.	9/4/2019	9:40 AM	2.20	A	A	1
13-5 2500 PCH	9/4/2019	10:05 AM	2.50	A	A	2
Location						
13-1 1912 W. 259th Pl.	9/10/2019	8:20 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	9/10/2019	8:15 AM	2.50	A	A	3
13-3 1948 W. 252nd St.	9/10/2019	8:35 AM	2.50	A	A	1
13-4 24632 S. Moon Ave.	9/10/2019	9:05 AM	2.00	A	A	1
13-5 2500 PCH	9/10/2019	9:25 AM	2.10	A	A	2
Location						
13-1 1912 W. 259th Pl.	9/17/2019	9:10 AM	2.50	A	A	2
13-2 26314 S. Monte Vta.	9/17/2019	9:00 AM	2.70	A	A	3
13-3 1948 W. 252nd St.	9/17/2019	9:20 AM	2.60	A	A	1
13-4 24632 S. Moon Ave.	9/17/2019	9:40 AM	1.50	A	A	1
13-5 2500 PCH	9/17/2019	10:00 AM	2.00	A	A	2
Location						
13-1 1912 W. 259th Pl.	9/25/2019	9:55 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	9/25/2019	9:45 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	9/25/2019	10:05 AM	2.20	A	A	1
13-4 24632 S. Moon Ave.	9/25/2019	10:25 AM	1.90	A	A	1
13-5 2500 PCH	9/25/2019	10:45 AM	2.00	A	A	2
Location						
13-1 1912 W. 259th Pl.						
13-2 26314 S. Monte Vta.						
13-3 1948 W. 252nd St.						
13-4 24632 S. Moon Ave.						
13-5 2500 PCH						

Oct-19

Location	Date	Time	Cl2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	10/1/2019	9:45 AM	1.80	A	A	2
13-2 26314 S. Monte Vta.	10/1/2019	9:35 AM	2.00	A	A	3
13-3 1948 W. 252nd St.	10/1/2019	10:00 AM	1.90	A	A	1
13-4 24632 S. Moon Ave.	10/1/2019	10:30 AM	1.70	A	A	1
13-5 2500 PCH	10/1/2019	11:00 AM	2.00	A	A	2
Location						
13-1 1912 W. 259th Pl.	10/9/2019	10:10 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	10/9/2019	10:00 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	10/9/2019	10:00 AM	2.40	A	A	1
13-4 24632 S. Moon Ave.	10/9/2019	10:45 AM	2.40	A	A	1
13-5 2500 PCH	10/9/2019	11:10 AM	2.10	A	A	2
Location						
13-1 1912 W. 259th Pl.	10/16/2019	9:35 AM	2.40	A	A	2
13-2 26314 S. Monte Vta.	10/16/2019	9:30 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	10/16/2019	9:50 AM	2.30	A	A	1
13-4 24632 S. Moon Ave.	10/16/2019	10:30 AM	2.30	A	A	1
13-5 2500 PCH	10/16/2019	10:45 AM	2.30	A	A	2
Location						
13-1 1912 W. 259th Pl.	10/23/2019	8:55 AM	2.00	A	A	2
13-2 26314 S. Monte Vta.	10/23/2019	8:50 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	10/23/2019	9:05 AM	2.20	A	A	1
13-4 24632 S. Moon Ave.	10/23/2019	9:25 AM	2.00	A	A	1
13-5 2500 PCH	10/23/2019	9:45 AM	2.00	A	A	2
Location						
13-1 1912 W. 259th Pl.	10/30/2019	8:40AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	10/30/2019	8:30AM	2.30	A	A	3
13-3 1948 W. 252nd St.	10/30/2019	8:50AM	2.40	A	A	1
13-4 24632 S. Moon Ave.	10/30/2019	9:05AM	2.30	A	A	1
13-5 2500 PCH	10/30/2019	9:30AM	2.10	A	A	2
Location						
13-1 1912 W. 259th Pl.						
13-2 26314 S. Monte Vta.						
13-3 1948 W. 252nd St.						
13-4 24632 S. Moon Ave.						
13-5 2500 PCH						

Average
 2.28
 2.16

SIGNATURE:

Mark Andersen, Chief Water Operations Manager

DATE: 11/4/2019

**CITY OF LOMITA
PUBLIC WORKS DEPARTMENT**

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF
SYSTEM NO: **1910073** MONTH:

MONTH: October **YEAR:** 2019

MONTH: October YEAR:

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								
TOTAL	1	1	1	1	1	0	0	0	0	0	0	0

EXAMPLES:

~~OFFLINE~~

A rectangular stamp with a diagonal line through it, containing the text "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:

M. Andersen, Chief Water Operations Manager

Date: 11/4/2019

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: **October** Year: **2019**

DISINFECTION PROCESS DATA

Disinfectant residual type:

Free chlorine (including well sources)	<input type="checkbox"/>
Free chlorine (no well sources)	<input type="checkbox"/>
Chloramines (including well sources)	<input checked="" type="checkbox"/> X
Chloramines (no well sources)	<input type="checkbox"/>

No. of distribution system residual samples collected:	25
No. of distribution system samples for HPC only:	0
Total No. residual and/or HPC samples collected:	25
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 = $\frac{\text{Total No. samples with no residual and/or HPC} > 500}{\text{Total No. residual and/or HPC samples collected}} \times 100$ =	100
Meets Standard (i.e. V > 95%) (Y/N)?	Y

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

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

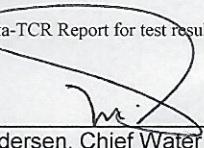
Reports of Gastrointestinal Illness (Attach additional sheets if necessary):

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, Chief Water Operations Manager

Date: **11/4/2019**

CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY

Sep-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	9/4/2019	9:05 AM	ND	1	ND	8.51	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	9/4/2019	10:05 AM	ND	1	ND	8.51	2
Location	Zone	Location	Zone	Location	Zone	Location	Zone
13-1 1912 W. 259th Pl.	2	13-1 1912 W. 259th Pl.	2	13-1 1912 W. 259th Pl.	2	13-1 1912 W. 259th Pl.	2
13-2 26314 S. Monte Vta.		13-2 26314 S. Monte Vta.		13-2 26314 S. Monte Vta.		13-2 26314 S. Monte Vta.	
13-3 1948 W. 252nd St.		13-3 1948 W. 252nd St.		13-3 1948 W. 252nd St.		13-3 1948 W. 252nd St.	
13-4 24632 S. Moon Ave.		13-4 24632 S. Moon Ave.		13-4 24632 S. Moon Ave.		13-4 24632 S. Moon Ave.	
13-5 2500 PCH		13-5 2500 PCH		13-5 2500 PCH		13-5 2500 PCH	

Oct-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	10/1/2019	9:45 AM	ND	1	ND	8.66	2
13-2 26314 S. Monte Vta.						3	
13-3 1948 W. 252nd St.	10/1/2019	10:00 AM	ND	1	ND	8.65	1
13-4 24632 S. Moon Ave.						1	
13-5 2500 PCH						2	
Location	Zone	Location	Zone	Location	Zone	Location	Zone
13-1 1912 W. 259th Pl.	2	13-1 1912 W. 259th Pl.	2	13-1 1912 W. 259th Pl.	2	13-1 1912 W. 259th Pl.	2
13-2 26314 S. Monte Vta.		13-2 26314 S. Monte Vta.		13-2 26314 S. Monte Vta.		13-2 26314 S. Monte Vta.	
13-3 1948 W. 252nd St.		13-3 1948 W. 252nd St.		13-3 1948 W. 252nd St.		13-3 1948 W. 252nd St.	
13-4 24632 S. Moon Ave.		13-4 24632 S. Moon Ave.		13-4 24632 S. Moon Ave.		13-4 24632 S. Moon Ave.	
13-5 2500 PCH		13-5 2500 PCH		13-5 2500 PCH		13-5 2500 PCH	

Note:

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

SIGNATURE:

DATE: _____

11/4/2019

Mark Andersen, Chief Water Operations Manager

¹ MONTHLY NITRIFICATION MONITORING SUMMARY REPORT
CITY OF LOMITA, System No. 1910073 --- Month: October, Year: 2019

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Chlorine	Free Chlorine	Total Ammonia	Free Ammonia	Nitrite	Nitrate	Coliform ²	HPC	Zone	Comments
				MM/DD/YYYY	°C		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	P/A	CFU/ml		
Units/Others →																
1 D	S13-003	1948 W 252nd St		10/1/2019	22.8	8.65	1.9	0.03	0.43	0.09	0.017	ND	A	ND	1	WELL/MWD blend
2 D	S13-004	24632 S Moon Ave		10/1/2019	24.4	8.59	1.7	0.07	0.38	0.07	0.038	ND	A	1	1	WELL/MWD blend
3 D	S13-008	25417 Pennsylvania Ave		10/1/2019	25.1	8.59	1.5	0.02	0.35	0.06	0.049	ND	A	2	1	WELL/MWD blend
4 D	A	2052 Dawn St		10/1/2019	23.3	8.55	1.5	0.03	0.35	0.05	0.028	ND	A	ND	1	WELL/MWD blend
5 D		Reservoir														1 WELL/MWD blend
6 D	S13-001	1912 W 259th Pl		10/1/2019	23.8	8.66	1.8	0.02	0.44	0.05	0.026	ND	A	ND	2	MWD Only
7 D	S13-002	26314 S Monte Vista Ave		10/1/2019	22.7	8.67	2	0.03	0.43	0.07	0.022	ND	A	ND	3	MWD Only
8 D	S13-005	2500 PCH		10/1/2019	24.0	8.63	2	0.03	0.41	0.08	0.036	ND	A	ND	2	MWD Only
1 D	S13-003	1948 W 252nd St		10/9/2019	19.1	8.68	2.4	0.04	0.45	0	0.008	0.43	A	ND	1	WELL/MWD blend
2 D	S13-004	24632 S Moon Ave		10/9/2019	19.7	8.71	2.4	0.02	0.46	0.06	0.008	0.44	A	ND	1	WELL/MWD blend
3 D	S13-008	25417 Pennsylvania Ave		10/9/2019	21.2	8.68	2.2	0.02	0.41	0.11	0.02	0.45	A	38	1	WELL/MWD blend
4 D	A	2052 Dawn St		10/9/2019	22.2	8.68	2	0.02	0.39	0.03	0.01	0.44	A	6	1	WELL/MWD blend
5 D		Reservoir							0.4	0.0	0.0					1 WELL/MWD blend
6 D	S13-001	1912 W 259th Pl		10/9/2019	20.9	8.68	2.3	0.01	0.46	0.04	0.009	0.43	A	ND	2	MWD Only
7 D	S13-002	26314 S Monte Vista Ave		10/9/2019	18.6	8.79	2.3	0.06	0.49	0.05	0.008	0.44	A	ND	3	MWD Only
8 D	S13-005	2500 PCH		10/9/2019	21.5	8.65	2.1	0.03	0.41	0.07	0.014	0.42	A	ND	2	MWD Only
1 D	S13-003	1948 W 252nd St		10/16/2019	20.0	8.69	2.3	0.06	0.42	0.05	0.015	ND	A	ND	1	WELL/MWD blend
2 D	S13-004	24632 S Moon Ave		10/16/2019	21.3	8.71	2.3	0.06	0.43	0.05	0.02	ND	A	ND	1	WELL/MWD blend
3 D	S13-008	25417 Pennsylvania Ave		10/16/2019	21.5	8.71	2.2	0.03	0.4	0.05	0.03	ND	A	13	1	WELL/MWD blend
4 D	A	2052 Dawn St		10/16/2019	23.3	8.69	2	0.04	0.41	0.07	0.04	ND	A	9	1	WELL/MWD blend
5 D		Reservoir														1 WELL/MWD blend
6 D	S13-001	1912 W 259th Pl		10/16/2019	19.9	8.73	2.4	0.04	0.46	0.05	0.014	ND	A	ND	2	MWD Only
7 D	S13-002	26314 S Monte Vista Ave		10/16/2019	19.9	8.50	2.3	0.05	0.42	0.06	0.016	ND	A	ND	3	MWD Only
8 D	S13-005	2500 PCH		10/16/2019	20.6	8.72	2.3	0.04	0.4	0.02	0.016	ND	A	ND	2	MWD Only
1 D	S13-003	1948 W 252nd St		10/23/2019	20.3	8.74	2.20	0.04	0.39	0.06	0.03	ND	A	ND	1	Well/MWD Blend
2 D	S13-004	24632 S Moon Ave		10/23/2019	21.2	8.72	2.00	0.03	0.41	0.05	0.041	ND	A	ND	1	Well/MWD Blend
3 D	S13-008	25417 Pennsylvania Ave		10/23/2019	21.4	8.73	1.90	0.03	0.4	0.07	0.05	ND	A	ND	1	Well/MWD Blend
4 D	A	2052 Dawn St		10/23/2019	23.0	8.71	1.80	0.02	0.34	0.06	0.067	ND	A	ND	1	Well/MWD Blend
5 D		WB8							0.48	0.05	0.029					1 Well/MWD Blend
6 D	S13-001	1912 W 259th Pl		10/23/2019	21.2	8.77	2.00	0.02	0.44	0.07	0.041	ND	A	ND	2	MWD Only
7 D	S13-002	26314 S Monte Vista Ave		10/23/2019	20.0	8.77	2.20	0.03	0.44	0.05	0.041	ND	A	ND	3	MWD Only
8 D	S13-005	2500 PCH		10/23/2019	21.5	8.78	2.00	0.02	0.41	0.11	0.042	ND	A	ND	2	MWD Only
1 D	S13-003	1948 W 252nd St		10/30/2019	18.9	8.76	2.4	0.04	0.5	0.05	0.01	0.43	A	1	1	
2 D	S13-004	24632 S Moon Ave		10/30/2019	20.2	8.72	2.3	0.03	0.5	0.08	0.02	0.43	A	ND	1	
3 D	S13-008	25417 Pennsylvania Ave		10/30/2019	20.4	8.73	2.2	0.04	0.45	0.06	0.03	0.43	A	ND	1	
4 D	A	2052 Dawn St		10/30/2019	22.5	8.71	1.7	0.02	0.36	0.09	0.07	0.52	A	1	1	
5 D		WB8		10/30/2019					0.5	0.06	0.01					1
6 D	S13-001	1912 W 259th Pl		10/30/2019	19.4	8.76	2.1	0.03	0.5	0.06	0.03	0.42	A	ND	2	
7 D	S13-002	26314 S Monte Vista Ave		10/30/2019	18.1	8.61	2.3	0.02	0.5	0.07	0.014	0.41	A	ND	3	
8 D	S13-005	2500 PCH		10/30/2019	21.6	8.69			0.4	0.12	0.047	0.43	A	ND	2	

MONTHLY NITRIFICATION FIELD TEST LOG
CITY OF LOMITA, System No. 1910073 --- Month: October, Year: 2019

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Ammonia	Free Ammonia	Nitrite	Zone	Comments
Units/Others →											
1	D	S13-003	1948 W 252nd St	10-1-19	72.8°	8.65	.49	.09	.017	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave		24.4°	8.59	.38	.07	.030	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave		25.1°	8.59	.35	.06	.049	1	WELL/MWD blend
4	D	A	2052 Dawn St		23.3°	8.55	.35	.05	.028	1	WELL/MWD blend
5	D		Reservoir							1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl		25.1°	8.59	.44	.05	.026	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		25.1°	8.67	.43	.07	.022	3	MWD Only
8	D	S13-005	2500 PCH	10-1-19	24.0°	8.63	.41	.08	.036	2	MWD Only
1	D	S13-003	1948 W 252nd St	10-9-19	19.1°	8.68	.45	0	.008	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave		19.7°	8.71	.46	.06	.008	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave		21.2°	8.68	.41	.11	.020	1	WELL/MWD blend
4	D	A	2052 Dawn St		22.2°	8.63	.34	.03	.010	1	WELL/MWD blend
5	D		Reservoir WB-7				.36	.01	.019	1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl		20.9°	8.68	.46	.04	.009	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		18.6°	8.79	.49	.05	.008	3	MWD Only
8	D	S13-005	2500 PCH	10-9-19	21.5°	8.65	.41	.07	.014	2	MWD Only
1	D	S13-003	1948 W 252nd St	10-16-19	20.0°	8.69	.42	.05	.015	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave		21.3°	8.71	.43	.05	.020	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave		21.5°	8.71	.40	.05	.030	1	WELL/MWD blend
4	D	A	2052 Dawn St		23.3°	8.69	.41	.07	.040	1	WELL/MWD blend
5	D		Reservoir							1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl		19.9°	8.73	.46	.05	.014	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		19.9°	8.55	.42	.06	.016	3	MWD Only
8	D	S13-005	2500 PCH	10-16-19	20.6°	8.72	.40	.02	.016	2	MWD Only
1	D	S13-003	1948 W 252nd St	10-23-19	20.3°	8.74	.39	.06	.030	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave		21.2°	8.72	.41	.05	.041	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave		21.4°	8.73	.40	.07	.050	1	Well/MWD Blend
4	D	A	2052 Dawn St		23.0°	8.71	.34	.04	.067	1	Well/MWD Blend
5	D		Reservoir WB-8				.48	.05	.029	1	Well/MWD Blend
6	D	S13-001	1912 W 259th Pl		21.2°	8.77	.44	.07	.041	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		20.0°	8.77	.44	.03	.041	3	MWD Only
8	D	S13-005	2500 PCH	10-23-19	21.5°	8.78	.41	.11	.042	2	MWD Only
1	D	S13-003	1948 W 252nd St	10-30-19	18.9°	8.76	.50	.05	.012	1	
2	D	S13-004	24632 S Moon Ave	10-30-19	20.2°	8.72	.45	.08	.024	1	
3	D	S13-008	25417 Pennsylvania Ave		20.4°	8.73	.45	.15	.034	1	
4	D	A	2052 Dawn St		22.5°	8.71	.50	.06	.070	1	
5	D		Reservoir WB-8				.50	.06	.007	1	
6	D	S13-001	1912 W 259th Pl		19.4°	8.76	.46	.06	.030	2	
7	D	S13-002	26314 S Monte Vista Ave		18.1°	8.61	.50	.07	.014	3	
8	D	S13-005	2500 PCH	10-30-19	21.6°	8.69	.43	.12	.047	2	

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 10/23, Cyanurate Jun-22, Nitrite - Nitririver Mar-20, Free Ammonia - Monochlor Mar-20, F.A. Chlorinating Solution Nov-19

Date 10-30-19 Signature Patrick Mcave

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.



04 October 2019

Clinical Lab No.: 19J0102

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/01/19. 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: 1st Week of October, 2019
Project Manager: Mark Andersen

Work Order: 19J0102
Received: 10/01/19 16:54
Reported: 10/04/19

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

19J0102-01 (Water)

Sample Date: 10/01/19 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	10/01/19	10/01/19	1940084
Cl Res Total (Field)	Field	1.8		N/A	mg/L	10/01/19	10/01/19	1940084
pH (Field)	Field	8.66		N/A	pH Units	10/01/19	10/01/19	1940084
Temperature (Field)	Field	23.8		N/A	°C	10/01/19	10/01/19	1940084

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
E. Coli	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/01/19	10/03/19	1940144 HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/01/19	10/01/19	1940126
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/01/19	10/01/19	1940126
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/01/19	10/01/19	1940126

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/01/19	10/01/19	1940066
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26314 Monte Vista (S13-002 Zone:3)

19J0102-02 (Water)

Sample Date: 10/01/19 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	0.03		N/A	mg/L	10/01/19	10/01/19	1940084
Cl Res Total (Field)	Field	2		N/A	mg/L	10/01/19	10/01/19	1940084
pH (Field)	Field	8.67		N/A	pH Units	10/01/19	10/01/19	1940084
Temperature (Field)	Field	22.7		N/A	°C	10/01/19	10/01/19	1940084

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
E. Coli	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/01/19	10/03/19	1940144 HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/01/19	10/01/19	1940066
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J0102
Received: 10/01/19 16:54
Reported: 10/04/19

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

19J0102-03 (Water)

Sample Date: 10/01/19 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	0.03		N/A	mg/L	10/01/19	10/01/19	1940084
Cl Res Total (Field)	Field	1.9		N/A	mg/L	10/01/19	10/01/19	1940084
pH (Field)	Field	8.65		N/A	pH Units	10/01/19	10/01/19	1940084
Temperature (Field)	Field	22.8		N/A	°C	10/01/19	10/01/19	1940084

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
E. Coli	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/01/19	10/03/19	1940144

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/01/19	10/01/19	1940126
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/01/19	10/01/19	1940126
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/01/19	10/01/19	1940126

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/01/19	10/01/19	1940066
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24632 S. Moon Ave. (S13-004 Zone:1)

19J0102-04 (Water)

Sample Date: 10/01/19 10:30 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	0.07		N/A	mg/L	10/01/19	10/01/19	1940084
Cl Res Total (Field)	Field	1.7		N/A	mg/L	10/01/19	10/01/19	1940084
pH (Field)	Field	8.59		N/A	pH Units	10/01/19	10/01/19	1940084
Temperature (Field)	Field	24.4		N/A	°C	10/01/19	10/01/19	1940084

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
E. Coli	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
Plate Count	SM9215B	1	1	500	CFU/ml	10/01/19	10/03/19	1940144

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/01/19	10/01/19	1940066
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J0102
Received: 10/01/19 16:54
Reported: 10/04/19

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

19J0102-05 (Water)

Sample Date: 10/01/19 11:00 **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	0.03		N/A	mg/L	10/01/19	10/01/19	1940084
Cl Res Total (Field)	Field	2		N/A	mg/L	10/01/19	10/01/19	1940084
pH (Field)	Field	8.63		N/A	pH Units	10/01/19	10/01/19	1940084
Temperature (Field)	Field	24		N/A	°C	10/01/19	10/01/19	1940084

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
E. Coli	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/01/19	10/03/19	1940144

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/01/19	10/01/19	1940066
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25417 Pennsylvania Ave (S13-008 Zone:1)

19J0102-06 (Water)

Sample Date: 10/01/19 10:45 **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	10/01/19	10/01/19	1940084
Cl Res Total (Field)	Field	1.5		N/A	mg/L	10/01/19	10/01/19	1940084
pH (Field)	Field	8.59		N/A	pH Units	10/01/19	10/01/19	1940084
Temperature (Field)	Field	25.1		N/A	°C	10/01/19	10/01/19	1940084

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
E. Coli	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
Plate Count	SM9215B	2	1	500	CFU/ml	10/01/19	10/03/19	1940144

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/01/19	10/01/19	1940066
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J0102
Received: 10/01/19 16:54
Reported: 10/04/19

2052 Dawn St (A Zone:1)

19J0102-07 (Water)

Sample Date: 10/01/19 10:20

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	0.03		N/A	mg/L	10/01/19	10/01/19	1940084
Cl Res Total (Field)	Field	1.5		N/A	mg/L	10/01/19	10/01/19	1940084
pH (Field)	Field	8.55		N/A	pH Units	10/01/19	10/01/19	1940084
Temperature (Field)	Field	23.3		N/A	°C	10/01/19	10/01/19	1940084

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
E. Coli	SM 9223	A		N/A	P/A	10/01/19	10/02/19	1940114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/01/19	10/03/19	1940144

General Chemical Analyses

Nitrate as N (NO ₃ -N)	EPA 300.0	ND	0.40	10	mg/L	10/01/19	10/01/19	1940066
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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.

19 J D 102
Chain of Custody

7/2/17

Clinical Laboratory of San Bernardino, Inc.



14 October 2019

Clinical Lab No.: 19J0924

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/09/19. 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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J0924
Received: 10/09/19 13:50
Reported: 10/14/19

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

19J0924-01 (Water)

Sample Date: 10/09/19 10:10 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	0.01		N/A	mg/L	10/09/19	10/09/19	1941129
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/09/19	10/09/19	1941129
pH (Field)	Field	8.68		N/A	pH Units	10/09/19	10/09/19	1941129
Temperature (Field)	Field	20.9		N/A	°C	10/09/19	10/09/19	1941129

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
E. Coli	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
Plate Count	SM9215B	ND	1	500	CFU/ml	10/09/19	10/11/19	1941168

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	10/09/19	10/09/19	1941079
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26314 Monte Vista (S13-002 Zone:3)

19J0924-02 (Water)

Sample Date: 10/09/19 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	0.06		N/A	mg/L	10/09/19	10/09/19	1941129
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/09/19	10/09/19	1941129
pH (Field)	Field	8.79		N/A	pH Units	10/09/19	10/09/19	1941129
Temperature (Field)	Field	18.6		N/A	°C	10/09/19	10/09/19	1941129

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
E. Coli	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
Plate Count	SM9215B	ND	1	500	CFU/ml	10/09/19	10/11/19	1941168

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	10/09/19	10/09/19	1941079
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J0924
Received: 10/09/19 13:50
Reported: 10/14/19

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

19J0924-03 (Water)

Sample Date: 10/09/19 10:20 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	0.04		N/A	mg/L	10/09/19	10/09/19	1941129
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/09/19	10/09/19	1941129
pH (Field)	Field	8.68		N/A	pH Units	10/09/19	10/09/19	1941129
Temperature (Field)	Field	19.1		N/A	°C	10/09/19	10/09/19	1941129

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
E. Coli	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
Plate Count	SM9215B	ND	1	500	CFU/ml	10/09/19	10/11/19	1941168

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	10/09/19	10/09/19	1941079
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24632 S. Moon Ave. (S13-004 Zone:1)

19J0924-04 (Water)

Sample Date: 10/09/19 10:45 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	10/09/19	10/09/19	1941129
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/09/19	10/09/19	1941129
pH (Field)	Field	8.71		N/A	pH Units	10/09/19	10/09/19	1941129
Temperature (Field)	Field	19.7		N/A	°C	10/09/19	10/09/19	1941129

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
E. Coli	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
Plate Count	SM9215B	ND	1	500	CFU/ml	10/09/19	10/11/19	1941168

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/09/19	10/09/19	1941160
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/09/19	10/09/19	1941160
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/09/19	10/09/19	1941160

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	10/09/19	10/09/19	1941079
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis

Work Order: 19J0924

Sub Project: Weekly Dist. Samples: 2nd Week of October, 2019

Received: 10/09/19 13:50

Project Manager: Mark Andersen

Reported: 10/14/19

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

19J0924-05 (Water)

Sample Date: 10/09/19 11:10 **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	10/09/19	10/09/19	1941129
Cl Res Total (Field)	Field	2.1	N/A	mg/L	10/09/19	10/09/19	1941129
pH (Field)	Field	8.65	N/A	pH Units	10/09/19	10/09/19	1941129
Temperature (Field)	Field	21.5	N/A	°C	10/09/19	10/09/19	1941129

Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	10/09/19	10/10/19	1941138	
E. Coli	SM 9223	A	N/A	P/A	10/09/19	10/10/19	1941138	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/09/19	10/11/19	1941168

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/09/19	10/09/19	1941160
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/09/19	10/09/19	1941160
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/09/19	10/09/19	1941160

General Chemical Analyses

Nitrate as N (NO₃-N) EPA 300.0 **0.42** 0.40 10 mg/L 10/09/19 10/09/19 1941079

25417 Pennsylvania Ave (S13-008 Zone:1) **19J0924-06 (Water)** **Sample Date:** 10/09/19 11:00 **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	10/09/19	10/09/19	1941129
Cl Res Total (Field)	Field	2.2	N/A	mg/L	10/09/19	10/09/19	1941129
pH (Field)	Field	8.68	N/A	pH Units	10/09/19	10/09/19	1941129
Temperature (Field)	Field	21.2	N/A	°C	10/09/19	10/09/19	1941129

Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	10/09/19	10/10/19	1941138	
E. Coli	SM 9223	A	N/A	P/A	10/09/19	10/10/19	1941138	
Plate Count	SM9215B	38	1	500	CFU/ml	10/09/19	10/11/19	1941168

General Chemical Analyses

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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J0924
Received: 10/09/19 13:50
Reported: 10/14/19

2052 Dawn St (A Zone:1)

19J0924-07 (Water)

Sample Date: 10/09/19 10:30

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	0.02		N/A	mg/L	10/09/19	10/09/19	1941129
Cl Res Total (Field)	Field	2		N/A	mg/L	10/09/19	10/09/19	1941129
pH (Field)	Field	8.68		N/A	pH Units	10/09/19	10/09/19	1941129
Temperature (Field)	Field	22.2		N/A	°C	10/09/19	10/09/19	1941129

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
E. Coli	SM 9223	A		N/A	P/A	10/09/19	10/10/19	1941138
Plate Count	SM9215B	6	1	500	CFU/ml	10/09/19	10/11/19	1941168

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	10/09/19	10/09/19	1941079
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ND Analyte NOT DETECTED at or above the reporting limit

71217

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

1916924

Clinical Laboratory of San Bernardino, Inc.



22 October 2019

Clinical Lab No.: 19J1528

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/16/19. 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: 3rd Week of October, 2019
Project Manager: Mark Andersen

Work Order: 19J1528
Received: 10/16/19 15:15
Reported: 10/22/19

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

19J1528-01 (Water)

Sample Date: 10/16/19 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	0.04		N/A	mg/L	10/16/19	10/16/19	1942113
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/16/19	10/16/19	1942113
pH (Field)	Field	8.73		N/A	pH Units	10/16/19	10/16/19	1942113
Temperature (Field)	Field	19.9		N/A	°C	10/16/19	10/16/19	1942113

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
E. Coli	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
Plate Count	SM9215B	ND	1	500	CFU/ml	10/16/19	10/18/19	1942166

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/16/19	10/16/19	1942086
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26314 Monte Vista (S13-002 Zone:3)

19J1528-02 (Water)

Sample Date: 10/16/19 9:30 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	0.05		N/A	mg/L	10/16/19	10/16/19	1942113
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/16/19	10/16/19	1942113
pH (Field)	Field	8.5		N/A	pH Units	10/16/19	10/16/19	1942113
Temperature (Field)	Field	19.9		N/A	°C	10/16/19	10/16/19	1942113

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
E. Coli	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
Plate Count	SM9215B	ND	1	500	CFU/ml	10/16/19	10/18/19	1942166

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/16/19	10/16/19	1942124
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/16/19	10/16/19	1942124
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/16/19	10/16/19	1942124

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/16/19	10/16/19	1942086
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J1528
Received: 10/16/19 15:15
Reported: 10/22/19

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

19J1528-03 (Water)

Sample Date: 10/16/19 9:50 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	0.06		N/A	mg/L	10/16/19	10/16/19	1942113
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/16/19	10/16/19	1942113
pH (Field)	Field	8.69		N/A	pH Units	10/16/19	10/16/19	1942113
Temperature (Field)	Field	20		N/A	°C	10/16/19	10/16/19	1942113

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
E. Coli	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
Plate Count	SM9215B	ND	1	500	CFU/ml	10/16/19	10/18/19	1942166

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/16/19	10/16/19	1942124
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/16/19	10/16/19	1942124
Turbidity	EPA 180.1	0.2	0.1	5	NTU	10/16/19	10/16/19	1942124

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/16/19	10/16/19	1942086
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24632 S. Moon Ave. (S13-004 Zone:1)

19J1528-04 (Water)

Sample Date: 10/16/19 10:30 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	0.06		N/A	mg/L	10/16/19	10/16/19	1942113
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/16/19	10/16/19	1942113
pH (Field)	Field	8.71		N/A	pH Units	10/16/19	10/16/19	1942113
Temperature (Field)	Field	21.3		N/A	°C	10/16/19	10/16/19	1942113

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
E. Coli	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
Plate Count	SM9215B	ND	1	500	CFU/ml	10/16/19	10/18/19	1942166

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/16/19	10/16/19	1942086
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J1528
Received: 10/16/19 15:15
Reported: 10/22/19

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

19J1528-05 (Water)

Sample Date: 10/16/19 10:45 **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	0.04		N/A	mg/L	10/16/19	10/16/19	1942113
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/16/19	10/16/19	1942113
pH (Field)	Field	8.72		N/A	pH Units	10/16/19	10/16/19	1942113
Temperature (Field)	Field	20.6		N/A	°C	10/16/19	10/16/19	1942113

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
E. Coli	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
Plate Count	SM9215B	1	1	500	CFU/ml	10/16/19	10/18/19	1942166

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/16/19	10/16/19	1942086
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25417 Pennsylvania Ave (S13-008 Zone:1)

19J1528-06 (Water)

Sample Date: 10/16/19 10:35 **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	0.03		N/A	mg/L	10/16/19	10/16/19	1942113
Cl Res Total (Field)	Field	2.2		N/A	mg/L	10/16/19	10/16/19	1942113
pH (Field)	Field	8.71		N/A	pH Units	10/16/19	10/16/19	1942113
Temperature (Field)	Field	21.5		N/A	°C	10/16/19	10/16/19	1942113

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
E. Coli	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
Plate Count	SM9215B	13	1	500	CFU/ml	10/16/19	10/18/19	1942166

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/16/19	10/16/19	1942086
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J1528
Received: 10/16/19 15:15
Reported: 10/22/19

2052 Dawn St (A Zone:1)

19J1528-07 (Water)

Sample Date: 10/16/19 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	0.04		N/A	mg/L	10/16/19	10/16/19	1942113
Cl Res Total (Field)	Field	2		N/A	mg/L	10/16/19	10/16/19	1942113
pH (Field)	Field	8.69		N/A	pH Units	10/16/19	10/16/19	1942113
Temperature (Field)	Field	23.3		N/A	°C	10/16/19	10/16/19	1942113

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
E. Coli	SM 9223	A		N/A	P/A	10/16/19	10/17/19	1942121
Plate Count	SM9215B	9	1	500	CFU/ml	10/16/19	10/18/19	1942166

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/16/19	10/16/19	1942086
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ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

7/21

Chain of Custody

19.) 1524

Client		City of Lomita		System Number		Analysis Requested				
Address	24373 Walnut Avenue	Lomita, CA 91717	(310)903-2243	1910073		Comments: Analyzers used: 1. Free Chlorine - HACH, DR890.				
Phone #						Calibration Date: <u>Auto Calibrating</u>				
Fax #						DPD Reagent Exp.: <u>Alf - 2/2</u>				
Project						2. Total Chlorine - HACH, Pocket Colorimeter.				
Sub Project						Calibration date: <u>Auto Calibrating</u>				
Comments						DPD Reagent exp. date: <u>M.G.Y - 2/1</u>				
Sampled by						3. pH and Temperature - HACH, HQ110				
						Calibration Date: <u>7-8-19</u>				
General Physical										
Nitrate										
Total Coliform / E. Coli, P-A / HPC										
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chloride
10/16/2019	0935	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	19.9°	0.04	8.73	2.4
10/16/2019	0930	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	19.9°	0.05	8.50	2.3
10/16/2019	0950	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	20.0°	0.06	8.69	2.3
10/16/2019	1030	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	21.3°	0.00	8.71	2.3
10/16/2019	1045	2500 PCII (S-13-005 Zone: 2)	DW	1,7	1D	5	20.6°	0.04	8.72	2.3
10/16/2019	1035	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	21.5°	0.03	8.71	2.2
10/16/2019	1000	, 2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	23.3°	0.04	8.69	2.0
Preservatives: (1) Na ₂ SO ₃ (2) HCl (3) HNO ₃ (4) NH4Cl (5) H ₂ SO ₄ (6) NaHSO ₃ (7) Cold (8) Other:								Samples received: () On ice () Intact () Custody seals Temp <u>6.0 () F</u> <u>C</u>		
Distinguished By / Sign		Print Name / Company		Date / Time		Initials By / Sign				
<u>Patrick McCue</u>		Patrick McCue / City of Lomita		10/16/2019		<u>10-16-19</u>				
<u>J. Wren</u>		<u>J. Wren</u>		10/16/2019		<u>10-16-19</u>				
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		
Shipped Via								Page <u>1</u> of <u>1</u>		
Fed X								Golden State		
UPS								Client Other		

Clinical Laboratory of San Bernardino, Inc.



28 October 2019

Clinical Lab No.: 19J2063

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/23/19. 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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J2063
Received: 10/23/19 14:20
Reported: 10/28/19

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

19J2063-01 (Water)

Sample Date: 10/23/19 8:55 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	0.02		N/A	mg/L	10/23/19	10/23/19	1943122
Cl Res Total (Field)	Field	2		N/A	mg/L	10/23/19	10/23/19	1943122
pH (Field)	Field	8.77		N/A	pH Units	10/23/19	10/23/19	1943122
Temperature (Field)	Field	21.2		N/A	°C	10/23/19	10/23/19	1943122

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
E. Coli	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/23/19	10/25/19	1943155

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/23/19	10/24/19	1943118
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/23/19	10/24/19	1943118
Turbidity	EPA 180.1	0.1	0.1	5	NTU	10/23/19	10/24/19	1943118

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/23/19	10/23/19	1943075
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26314 Monte Vista (S13-002 Zone:3)

19J2063-02 (Water)

Sample Date: 10/23/19 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	0.03		N/A	mg/L	10/23/19	10/23/19	1943122
Cl Res Total (Field)	Field	2.2		N/A	mg/L	10/23/19	10/23/19	1943122
pH (Field)	Field	8.77		N/A	pH Units	10/23/19	10/23/19	1943122
Temperature (Field)	Field	20		N/A	°C	10/23/19	10/23/19	1943122

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
E. Coli	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/23/19	10/25/19	1943155

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/23/19	10/23/19	1943075
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J2063
Received: 10/23/19 14:20
Reported: 10/28/19

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

19J2063-03 (Water)

Sample Date: 10/23/19 9:05 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	0.04		N/A	mg/L	10/23/19	10/23/19	1943122
Cl Res Total (Field)	Field	2.2		N/A	mg/L	10/23/19	10/23/19	1943122
pH (Field)	Field	8.74		N/A	pH Units	10/23/19	10/23/19	1943122
Temperature (Field)	Field	20.3		N/A	°C	10/23/19	10/23/19	1943122

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
E. Coli	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/23/19	10/25/19	1943155

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/23/19	10/23/19	1943075
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24632 S. Moon Ave. (S13-004 Zone:1)

19J2063-04 (Water)

Sample Date: 10/23/19 9:25 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	10/23/19	10/23/19	1943122
Cl Res Total (Field)	Field	2		N/A	mg/L	10/23/19	10/23/19	1943122
pH (Field)	Field	8.72		N/A	pH Units	10/23/19	10/23/19	1943122
Temperature (Field)	Field	21.2		N/A	°C	10/23/19	10/23/19	1943122

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
E. Coli	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/23/19	10/25/19	1943155

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/23/19	10/24/19	1943118
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/23/19	10/24/19	1943118
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/23/19	10/24/19	1943118

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/23/19	10/23/19	1943075
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J2063
Received: 10/23/19 14:20
Reported: 10/28/19

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

19J2063-05 (Water)

Sample Date: 10/23/19 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	10/23/19	10/23/19	1943122
Cl Res Total (Field)	Field	2		N/A	mg/L	10/23/19	10/23/19	1943122
pH (Field)	Field	8.78		N/A	pH Units	10/23/19	10/23/19	1943122
Temperature (Field)	Field	21.5		N/A	°C	10/23/19	10/23/19	1943122

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
E. Coli	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/23/19	10/25/19	1943155

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/23/19	10/23/19	1943075
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25417 Pennsylvania Ave (S13-008 Zone:1)

19J2063-06 (Water)

Sample Date: 10/23/19 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	0.03		N/A	mg/L	10/23/19	10/23/19	1943122
Cl Res Total (Field)	Field	1.9		N/A	mg/L	10/23/19	10/23/19	1943122
pH (Field)	Field	8.73		N/A	pH Units	10/23/19	10/23/19	1943122
Temperature (Field)	Field	21.4		N/A	°C	10/23/19	10/23/19	1943122

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
E. Coli	SM 9223	A		N/A	P/A	10/23/19	10/24/19	1943114
Plate Count	SM9215B	ND	1	500	CFU/ml	10/23/19	10/25/19	1943155

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/23/19	10/23/19	1943075
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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 October, 2019
Project Manager: Mark Andersen

Work Order: 19J2063
Received: 10/23/19 14:20
Reported: 10/28/19

2052 Dawn St (A Zone:1)

19J2063-07 (Water)

Sample Date: 10/23/19 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	10/23/19	10/23/19	1943122
Cl Res Total (Field)	Field	1.8	N/A	mg/L	10/23/19	10/23/19	1943122
pH (Field)	Field	8.71	N/A	pH Units	10/23/19	10/23/19	1943122
Temperature (Field)	Field	23	N/A	°C	10/23/19	10/23/19	1943122

Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	10/23/19	10/24/19	1943114	
E. Coli	SM 9223	A	N/A	P/A	10/23/19	10/24/19	1943114	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/23/19	10/25/19	1943155

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/23/19	10/23/19	1943075
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ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

L12

Chain of Custody

19J 2003

Client		System Number		Analysis Requested											
Address	City of Lomita 24373 Walnut Avenue Lomita, CA 91717	1910073		Comments: Analyzers used: 1. Free Chlorine - HACH, DR890.											
Phone #	(310)903-2243			Calibration Date: Auto Calibrating											
Fax #				DPD Reagent Exp. date: <u>APR - 22</u>											
Project	Standard Analysis			2. Total Chlorine - HACH, Pocket Colorimeter.											
Sub Project	Weekly Distribution Samples: 4th week of October, 2019			Calibration date: Auto Calibrating											
Comments				DPD Reagent exp. date: <u>MAY - 21</u>											
Sampled by	P.M.			3. pH and Temperature - HACH, HQ11d											
Date	Time	Sample Identification		Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine				
10/23/2019	08:55	1912 W. 259th St. (S13-001 Zone: 2)		DW	1,7	1D	1	71.2°	0.02	8.77	2.0	X X X X			
10/23/2019	08:50	26314 Monte Vista (S13-002 Zone:3)		DW	1,7	1D	2	20.0°	0.03	8.77	2.2	X X X X			
10/23/2019	09:05	1948 W. 252nd St. (S13-003 Zone: 1)		DW	1,7	1D	3	20.3°	0.04	8.74	2.2	X X X X			
10/23/2019	09:25	24632 S. Moon Ave. (S13-004 Zone: 1)		DW	1,7	1D	4	71.2°	0.03	8.72	2.0	X X X X			
10/23/2019	09:45	2500 PCH (S-13-005 Zone: 2)		DW	1,7	1D	5	21.5°	0.02	8.78	2.0	X X X X			
10/23/2019	09:55	25417 Pennsylvania Ave (S13-008 Zone: 1)		DW	1,7	1D	6	21.4°	0.03	8.73	1.9	X X X X			
10/23/2019	09:55	2052 Dawn St (A Zone: 1)		DW	1,7	1D	7	23.0°	0.02	8.71	1.8	X X X X			
Preservatives: (1) Na ₂ SO ₃ (2) HCl (3) HNO ₃ (4) NH4Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:															
Distinguishing By (Sign)		Print Name / Company		Date	Time	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 Prepared By (Sign)									
<u>Patrick McCue</u>		Patrick McCue / City of Lomita		10/23/2019	10:40	<u>J. McCue</u> 10/23/19 10:40 CWSB									
<u>Eric J. McCue</u>		J. McCue		Samples received: <input checked="" type="checkbox"/> On ice () Intact () Custody seals Temp <u>60</u> () F <u>10</u> C											
Shipped Via				Page 1 of 1											
				Page 1 of 1 Other [] Client [] UPS [] Golden State [] FedEx []											

Clinical Laboratory of San Bernardino, Inc.



04 November 2019

Clinical Lab No.: 19J2549

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

Project Name: Standard Analysis
Sub Project: Weekly Dist. Samples: 5th Week of October, 2019

Enclosed are the results of the analyses for samples received at the laboratory on 10/30/19. 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: 5th Week of October, 2019
Project Manager: Mark Andersen

Work Order: 19J2549
Received: 10/30/19 13:58
Reported: 11/04/19

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

19J2549-01 (Water)

Sample Date: 10/30/19 8:40 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	10/30/19	10/30/19	1944116
Cl Res Total (Field)	Field	2.1		N/A	mg/L	10/30/19	10/30/19	1944116
pH (Field)	Field	8.76		N/A	pH Units	10/30/19	10/30/19	1944116
Temperature (Field)	Field	19.4		N/A	°C	10/30/19	10/30/19	1944116

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
E. Coli	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/19	11/01/19	1944160

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.42	0.40	10	mg/L	10/30/19	10/30/19	1944076
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26314 Monte Vista (S13-002 Zone:3)

19J2549-02 (Water)

Sample Date: 10/30/19 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	0.02		N/A	mg/L	10/30/19	10/30/19	1944116
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/30/19	10/30/19	1944116
pH (Field)	Field	8.61		N/A	pH Units	10/30/19	10/30/19	1944116
Temperature (Field)	Field	18.1		N/A	°C	10/30/19	10/30/19	1944116

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
E. Coli	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/19	11/01/19	1944160

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.41	0.40	10	mg/L	10/30/19	10/30/19	1944076
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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: 5th Week of October, 2019
Project Manager: Mark Andersen

Work Order: 19J2549
Received: 10/30/19 13:58
Reported: 11/04/19

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

19J2549-03 (Water)

Sample Date: 10/30/19 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	0.04		N/A	mg/L	10/30/19	10/30/19	1944116
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/30/19	10/30/19	1944116
pH (Field)	Field	8.76		N/A	pH Units	10/30/19	10/30/19	1944116
Temperature (Field)	Field	18.9		N/A	°C	10/30/19	10/30/19	1944116

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
E. Coli	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
Plate Count	SM9215B	1	1	500	CFU/ml	10/30/19	11/01/19	1944160

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/30/19	10/30/19	1944131
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/30/19	10/30/19	1944131
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/30/19	10/30/19	1944131

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	10/30/19	10/30/19	1944076
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24632 S. Moon Ave. (S13-004 Zone:1)

19J2549-04 (Water)

Sample Date: 10/30/19 9:05 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	10/30/19	10/30/19	1944116
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/30/19	10/30/19	1944116
pH (Field)	Field	8.72		N/A	pH Units	10/30/19	10/30/19	1944116
Temperature (Field)	Field	20.2		N/A	°C	10/30/19	10/30/19	1944116

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
E. Coli	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/19	11/01/19	1944160

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	10/30/19	10/30/19	1944076
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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: 5th Week of October, 2019
Project Manager: Mark Andersen

Work Order: 19J2549
Received: 10/30/19 13:58
Reported: 11/04/19

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

19J2549-05 (Water)

Sample Date: 10/30/19 9:30 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	0.05		N/A	mg/L	10/30/19	10/30/19	1944116
Cl Res Total (Field)	Field	2.1		N/A	mg/L	10/30/19	10/30/19	1944116
pH (Field)	Field	8.69		N/A	pH Units	10/30/19	10/30/19	1944116
Temperature (Field)	Field	21.6		N/A	°C	10/30/19	10/30/19	1944116

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
E. Coli	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/19	11/01/19	1944160

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	10/30/19	10/30/19	1944131
Odor Threshold	EPA 140.1-M	1	1	3	TON	10/30/19	10/30/19	1944131
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/30/19	10/30/19	1944131

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.42	0.40	10	mg/L	10/30/19	10/30/19	1944076
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25417 Pennsylvania Ave (S13-008 Zone:1)

19J2549-06 (Water)

Sample Date: 10/30/19 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	0.04		N/A	mg/L	10/30/19	10/30/19	1944116
Cl Res Total (Field)	Field	2.2		N/A	mg/L	10/30/19	10/30/19	1944116
pH (Field)	Field	8.73		N/A	pH Units	10/30/19	10/30/19	1944116
Temperature (Field)	Field	20.4		N/A	°C	10/30/19	10/30/19	1944116

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
E. Coli	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/19	11/01/19	1944160

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	10/31/19	10/31/19	1944076
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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: 5th Week of October, 2019
Project Manager: Mark Andersen

Work Order: 19J2549
Received: 10/30/19 13:58
Reported: 11/04/19

2052 Dawn St (A Zone:1)

19J2549-07 (Water)

Sample Date: 10/30/19 8:55 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	0.02		N/A	mg/L	10/30/19	10/30/19	1944116
Cl Res Total (Field)	Field	1.7		N/A	mg/L	10/30/19	10/30/19	1944116
pH (Field)	Field	8.71		N/A	pH Units	10/30/19	10/30/19	1944116
Temperature (Field)	Field	22.5		N/A	°C	10/30/19	10/30/19	1944116

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
E. Coli	SM 9223	A		N/A	P/A	10/30/19	10/31/19	1944120
Plate Count	SM9215B	1	1	500	CFU/ml	10/30/19	11/01/19	1944160

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.52	0.40	10	mg/L	10/30/19	10/30/19	1944133
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ND Analyte NOT DETECTED at or above the reporting limit

longis