


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

CITY OF LOMITA		1910073		
Sampling Period		Year		
Month	December	2019		
	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	<u>20</u>	<u>20</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>20</u>	<u>20</u>	<u>0</u>	
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100]	<u>N/A</u>			
c. Is system in compliance... with fecal/E. coli MCL? (see notes 2 and 3)	<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>	<div style="border: 1px solid black; padding: 2px;">0</div>
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By:				

Signature 	Title Chief Water Operations Manager	Date 1/3/2020
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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

Nov-19

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	11/5/2019	9:30 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	11/5/2019	9:20 AM	2.10	A	A	3
13-3 1948 W. 252nd St.	11/5/2019	9:40 AM	2.10	A	A	1
13-4 24632 S. Moon Ave.	11/5/2019	10:20 AM	2.20	A	A	1
13-5 2500 PCH	11/5/2019	10:50 AM	2.00	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	11/12/2019	9:38am	2.50	A	A	2
13-2 26314 S. Monte Vta.	11/12/2019	9:23am	2.50	A	A	3
13-3 1948 W. 252nd St.	11/12/2019	8:16am	2.40	A	A	1
13-4 24632 S. Moon Ave.	11/12/2019	8:30am	2.40	A	A	1
13-5 2500 PCH	11/12/2019	9:05am	2.50	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	11/19/2019	9:45am	2.40	A	A	2
13-2 26314 S. Monte Vta.	11/19/2019	9:35am	2.40	A	A	3
13-3 1948 W. 252nd St.	11/19/2019	9:55am	2.40	A	A	1
13-4 24632 S. Moon Ave.	11/19/2019	10:15am	2.60	A	A	1
13-5 2500 PCH	11/19/2019	10:30am	2.30	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	11/26/2019	9:20am	2.20	A	A	2
13-2 26314 S. Monte Vta.	11/26/2019	9:10am	2.30	A	A	3
13-3 1948 W. 252nd St.	11/26/2019	9:30am	2.30	A	A	1
13-4 24632 S. Moon Ave.	11/26/2019	9:50am	2.30	A	A	1
13-5 2500 PCH	11/26/2019	10:05am	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.						2
13-2 26314 S. Monte Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						2

Dec-19

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	12/3/2019	10:40 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	12/3/2019	10:15 AM	2.10	A	A	3
13-3 1948 W. 252nd St.	12/3/2019	10:50 AM	2.30	A	A	1
13-4 24632 S. Moon Ave.	12/3/2019	11:10 AM	1.90	A	A	1
13-5 2500 PCH	12/3/2019	11:35 AM	2.00	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	12/10/2019	9:15 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	12/10/2019	9:05 AM	1.80	A	A	3
13-3 1948 W. 252nd St.	12/10/2019	9:30 AM	2.10	A	A	1
13-4 24632 S. Moon Ave.	12/10/2019	9:55 AM	2.00	A	A	1
13-5 2500 PCH	12/10/2019	10:10 AM	1.90	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	12/17/2019	8:35 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	12/17/2019	8:25 AM	1.70	A	A	3
13-3 1948 W. 252nd St.	12/17/2019	8:45 AM	2.20	A	A	1
13-4 24632 S. Moon Ave.	12/17/2019	9:10 AM	2.10	A	A	1
13-5 2500 PCH	12/17/2019	9:30 AM	1.60	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	12/23/2019	9:05 AM	2.05	A	A	2
13-2 26314 S. Monte Vta.	12/23/2019	8:55 AM	2.00	A	A	3
13-3 1948 W. 252nd St.	12/23/2019	9:15 AM	2.04	A	A	1
13-4 24632 S. Moon Ave.	12/23/2019	9:40 AM	1.79	A	A	1
13-5 2500 PCH	12/23/2019	9:58 AM	2.04	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

2.31

SIGNATURE:

Mark Andersen, Chief Water Operations Manager

Average

2.00

DATE:

1/3/2020

**CITY OF LOMITA
PUBLIC WORKS DEPARTMENT**

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

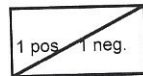
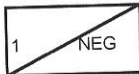
SYSTEM NO: **1910073**

MONTH: **December**

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	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE	OFFLINE
TOTAL	1	1	1	1	1	0	0	0	0	0	0	0

EXAMPLES:



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

COMMENTS:

SIGNATURE: _____

Mark Andersen, Chief Water Operations Manager

Date: _____

1/3/2020

MONTHLY SUMMARY OF MONITORING FOR SURFACE WATER TREATMENT REGULATIONS

System Name: CITY OF LOMITA System No.: 1910073

Wholesaler Name: WEST BASIN MUNICIPAL WATER DISTRICT

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

100

Total No. residual and/or HPC samples collected

Meets Standard (i.e. $V > 95\%$) (Y/N)?

Y

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

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

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

Persons Reporting	Date	Corrective Actions Taken

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

Note:

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

Signature: Mark Andersen

Mark Andersen, Chief Water Operations Manager

Date: 1/3/2020

CITY OF LOMITA MONTHLY GENERAL PHYSICAL SUMMARY

Nov-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	11/5/2019	9:20AM	ND	1	ND	8.76	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	11/5/2019	10:20AM	ND	1	0.1	8.72	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	11/12/2019	9:38AM	ND	1	0.1	9.08	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	11/12/2019	9:05AM	ND	1	ND	9.06	2
Location							Zone
13-1 1912 W. 259th Pl.	11/19/2019	9:45AM	ND	2	ND	8.83	2
13-2 26314 S. Monte Vta.	11/19/2019	9:35AM	ND	2	ND	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.	11/26/2019	9:30AM	ND	1	0.2	8.85	1
13-4 24632 S. Moon Ave.	11/26/2019	9:50AM	ND	1	ND	8.83	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

Note:

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

SIGNATURE:

Mark Andersen, Chief Water Operations Manager

Dec-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	12/3/2019	10:15 AM	ND	1	ND	8.86	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	12/3/2019	11:35 AM	ND	1	ND	8.76	2
Location							Zone
13-1 1912 W. 259th Pl.	12/10/2019	9:15 AM	ND	1	ND	8.71	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	12/10/2019	9:55 AM	ND	1	0.2	8.69	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.	12/17/2019	9:10 AM	ND	1	ND	8.65	1
13-5 2500 PCH	12/17/2019	9:30 AM	ND	1	ND	8.69	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.	12/23/2019	9:40 AM	ND	1	ND	8.64	1
13-5 2500 PCH	12/23/2019	9:58 AM	ND	1	ND	8.66	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

DATE:

1/3/2020

Date 1/3/2020

STAGE 2 DISINFECTION BYPRODUCT RULE
TOTAL TRIHALOMETHANE (TTHM)
4TH QUARTERLY SUMMARY REPORT

Water System Name:

Lomita City- Water Department

System No.

1910073

	TTHM (ppb)							
	Monitoring Periods				LRAA (TTHM)	Meets Standard ? (Y/N)	OEL (TTHM)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current Qtr)				
<i>Sample Date (month/date/year):</i>	<i>1/16/19, 2/22/19, 3/22/19</i>	<i>4/09/19, 5/07/19, 6/04/19</i>	<i>7/02/19, 8/13/19, 9/04/19</i>	<i>10/01/19, 11/05/19, 12/03/19</i>				
S13-011 (13SM1) 26255 Appian Way, Lomita Z2	24.3	15.5	11.7	21.2	18.2	Y	17.4	N
S13-001 (13SM2) 1912 259th Pl., Lomita Z2	25.1	19.5	23	21.7	22.3	Y	21.5	N
S13-003 (13-3) 1948 252nd St., Lomita Z1	62.0	45.4	12.3	21.5	35.3	Y	25.2	N
S13-008 (13SM4) 2450 West 247th St., Lomita Z1	61.2	40.2	15.8	21.4	34.7	Y	24.7	N

Comments: MP4 results for the ThirdQuarter of 2019 were calculated based on weighted average of the results for samples collected on April 9th, May 7th, and June 4th 2019.

Note: If your OEL is higher than the TTHM MCL at any location in the distribution system, you must conduct an operational evaluation by examining the system treatment and distribution operational practices, including: storage tank operations; excess storage capacity; distribution system flushing; changes in sources or source water quality; treatment changes; and any problems that may contribute to TTHM formation. From this evaluation you must identify what steps could be taken to minimize future OEL exceedances. Please submit your operational evaluation report to the State for review within 90 days.

Name & Title of Person Submitting Report

Mark Andersen, Chief Water Operations Manager

Date 1/3/2020

Quarterly Report for Disinfectant Residuals Compliance For Systems Using Chlorine or Chloramines

System Name: CITY OF LOMITA System No.: 1910073

Calendar Year: 2019 Quarter: 4th

1st Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Year	April	2.47
	May	2.82
	June	2.76
	July	2.57
	August	2.57
	September	2.61
	October	2.52
	November	2.58
	December	2.38
Current Year	January	25
	February	20
	March	20
Running Annual Average (RAA):		2.51
Meets standard? (i.e. $RAA \leq MRDL$ of 4.0 mg/L as Cl_2)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2nd Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Year	July	2.57
	August	2.57
	September	2.61
	October	2.52
	November	2.58
	December	2.38
Current Year	January	2.21
	February	2.35
	March	2.26
	April	25
	May	20
	June	20
Running Annual Average (RAA):		2.41
Meets standard? (i.e. $RAA \leq MRDL$ of 4.0 mg/L as Cl_2)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

3rd Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Yr	October	2.52
	November	2.58
	December	2.38
Current Year	January	2.21
	February	2.35
	March	2.26
	April	2.59
	May	2.28
	June	2.03
	July	25
	August	20
	September	20
Running Annual Average (RAA):		2.34
Meets standard? (i.e. $RAA \leq MRDL$ of 4.0 mg/L as Cl_2)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

4th Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Current Year	January	2.21
	February	2.35
	March	2.26
	April	2.59
	May	2.28
	June	2.03
	July	2.16
	August	2.43
	September	2.28
	October	25
	November	20
	December	20
Running Annual Average (RAA):		2.26
Meets standard? (i.e. $RAA \leq MRDL$ of 4.0 mg/L as Cl_2)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Comments:

Signature:

Mark Andersen, Chief Water Operations Manager

Date: 1/3/2020

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

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Ammonia	Free Ammonia	Nitrite	Zone	Comments
Units/Others →				MM/DD/YYYY	°C		mg/L	mg/L	mg/L		
1	D	S13-003	1948 W 252nd St	12/3/2019	17.1°	8.76	.45	.07	.013	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	12/3/2019	18.1°	8.74	.40	.05	.062	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	12/3/2019	18.4°	8.74	.41	.08	.054	1	WELL/MWD blend
4	D	A	2052 Dawn St	12/3/2019	17.1°	8.69	.47	.10	.015	1	WELL/MWD blend
5	D		Reservoir	12/3/2019	17.1°	8.76	.49	.0	.010	1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	12/3/2019	17.2°	8.77	.42	.11	.014	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	12/3/2019	17.1°	8.86	.36	.08	.021	3	MWD Only
8	D	S13-005	2500 PCH	12/3/2019	18.1°	8.76	.47	.10	.030	2	MWD Only
1	D	S13-003	1948 W 252nd St	12-10-19	16.0°	8.69	.32	.03	.005	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave		17.5°	8.71	.33	.02	.010	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave		17.9°	8.70	.32	.04	.018	1	WELL/MWD blend
4	D	A	2052 Dawn St		16.2°	8.69	.43	.02	.008	1	WELL/MWD blend
5	D		Reservoir							1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl		16.3°	8.71	.50	.05	.006	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		17.4°	8.52	.33	.07	.012	3	MWD Only
8	D	S13-005	2500 PCH	12-10-19	17.6°	8.68	.37	.05	.011	2	MWD Only
1	D	S13-003	1948 W 252nd St	12-17-19	16.0°	8.75	.38	0	.009	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave		17.0°	8.65	.40	0	.023	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave		17.6°	8.71	.34	.03	.043	1	WELL/MWD blend
4	D	A	2052 Dawn St		15.8°	8.70	.41	0	.012	1	WELL/MWD blend
5	D		Reservoir						.0	1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl		16.1°	8.81	.41	0	.016	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		16.9°	8.70	.44	.02	.014	3	MWD Only
8	D	S13-005	2500 PCH	12-17-19	17.1°	8.69	.31	.02	.014	2	MWD Only
1	D	S13-003	1948 W 252nd St	12-23-19	15.2°	8.71	.45	.14	.007	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave		16.6°	8.64	.36	.02	.024	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave		17.1°	8.66	.38	.05	.029	1	Well/MWD Blend
4	D	A	2052 Dawn St		15.5°	8.63	.41	.04	.013	1	Well/MWD Blend
5	D		Reservoir							1	Well/MWD Blend
6	D	S13-001	1912 W 259th Pl		15.4°	8.73	.46	.02	.009	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave		15.6°	8.51	.43	.02	.012	3	MWD Only
8	D	S13-005	2500 PCH	12-23-19	16.9°	8.66	.47	.07	.010	2	MWD Only
1	D	S13-003	1948 W 252nd St							1	
2	D	S13-004	24632 S Moon Ave							1	
3	D	S13-008	25417 Pennsylvania Ave							1	
4	D	A	2052 Dawn St							1	
5	D		Reservoir							1	
6	D	S13-001	1912 W 259th Pl							2	
7	D	S13-002	26314 S Monte Vista Ave							3	
8	D	S13-005	2500 PCH							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 3/24, Cyanurate 08/22, Nitrite - Nitriver 3 Jan-23, Free Ammonia - Monochlor Sept-20, F.A. Chlorinating Solution Jun-20

Date 12-23-19 Signature Patrick McGee

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.



15 October 2019

Clinical Lab No.: 19J0196

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance Sa

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: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19J0196
Received: 10/01/19 16:54
Reported: 10/15/19

1912 W. 259th PI

19J0196-01 (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 Total (Field)	Field	1.8		N/A	mg/L	10/01/19	10/01/19	1940124	
pH (Field)	Field	8.66		N/A	pH Units	10/01/19	10/01/19	1940124	
Temperature (Field)	Field	23.8		N/A	°C	10/01/19	10/01/19	1940124	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	6.6	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Bromoform	EPA 524.2	2.0	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Chloroform (Trichloromethane)	EPA 524.2	5.1	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Dibromochloromethane	EPA 524.2	7.7	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Total Trihalomethanes (TTHM)	EPA 524.2	21.4	1.0	80	ug/L	10/08/19	10/10/19	1941066	
Surrogate: Bromofluorobenzene	EPA 524.2	95 %				10/08/19	10/10/19	1941066	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	90 %				10/08/19	10/10/19	1941066	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	0.9	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Dichloroacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Monobromoacetic Acid	EPA 552.2	0.1	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Trichloroacetic Acid	EPA 552.2	0.7	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Total Haloacetic Acids (HAA5)	EPA 552.2	2.8	1.0	60	ug/L	10/04/19	10/04/19	1940152	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	80 %				10/04/19	10/04/19	1940152	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19J0196
Received: 10/01/19 16:54
Reported: 10/15/19

1948 252nd St.

19J0196-02 (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 Total (Field)	Field	1.9		N/A	mg/L	10/01/19	10/01/19	1940124	
pH (Field)	Field	8.65		N/A	pH Units	10/01/19	10/01/19	1940124	
Temperature (Field)	Field	22.8		N/A	°C	10/01/19	10/01/19	1940124	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	6.9	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Bromoform	EPA 524.2	2.4	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Chloroform (Trichloromethane)	EPA 524.2	5.3	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Dibromochloromethane	EPA 524.2	8.4	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Total Trihalomethanes (TTHM)	EPA 524.2	23.0	1.0	80	ug/L	10/08/19	10/10/19	1941066	
Surrogate: Bromofluorobenzene	EPA 524.2	94 %				10/08/19	10/10/19	1941066	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	92 %				10/08/19	10/10/19	1941066	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	0.9	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Dichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Monobromoacetic Acid	EPA 552.2	0.1	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Trichloroacetic Acid	EPA 552.2	0.6	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Total Haloacetic Acids (HAA5)	EPA 552.2	2.7	1.0	60	ug/L	10/04/19	10/04/19	1940152	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	90 %				10/04/19	10/04/19	1940152	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19J0196
Received: 10/01/19 16:54
Reported: 10/15/19

2450 W. 247th St.

19J0196-03 (Water)

Sample Date: 10/01/19 10:40 Sampler: P.M.

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

Cl Res Total (Field)	Field	1.28		N/A	mg/L	10/01/19	10/01/19	1940124	
pH (Field)	Field	8.61		N/A	pH Units	10/01/19	10/01/19	1940124	
Temperature (Field)	Field	25.3		N/A	°C	10/01/19	10/01/19	1940124	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	5.6	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Bromoform	EPA 524.2	2.3	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Chloroform (Trichloromethane)	EPA 524.2	4.2	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Dibromochloromethane	EPA 524.2	6.2	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Total Trihalomethanes (TTHM)	EPA 524.2	18.3	1.0	80	ug/L	10/08/19	10/10/19	1941066	
Surrogate: Bromofluorobenzene	EPA 524.2	86 %				10/08/19	10/10/19	1941066	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	84 %				10/08/19	10/10/19	1941066	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.2	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Dichloroacetic Acid	EPA 552.2	3.0	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Monobromoacetic Acid	EPA 552.2	0.1	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Trichloroacetic Acid	EPA 552.2	0.6	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Total Haloacetic Acids (HAA5)	EPA 552.2	4.2	1.0	60	ug/L	10/04/19	10/04/19	1940152	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	85 %				10/04/19	10/04/19	1940152	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19J0196
Received: 10/01/19 16:54
Reported: 10/15/19

26255 Appian Way

19J0196-04 (Water)

Sample Date: 10/01/19 9:30 Sampler: P.M.

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

Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/01/19	10/01/19	1940124	
pH (Field)	Field	8.44		N/A	pH Units	10/01/19	10/01/19	1940124	
Temperature (Field)	Field	21.6		N/A	°C	10/01/19	10/01/19	1940124	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	7.8	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Bromoform	EPA 524.2	2.7	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Chloroform (Trichloromethane)	EPA 524.2	6.5	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Dibromochloromethane	EPA 524.2	8.2	1.0	N/A	ug/L	10/08/19	10/10/19	1941066	
Total Trihalomethanes (TTHM)	EPA 524.2	25.2	1.0	80	ug/L	10/08/19	10/10/19	1941066	
Surrogate: Bromofluorobenzene	EPA 524.2	97 %				10/08/19	10/10/19	1941066	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	101 %				10/08/19	10/10/19	1941066	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.1	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Dichloroacetic Acid	EPA 552.2	3.1	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Monobromoacetic Acid	EPA 552.2	0.2	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/04/19	10/04/19	1940152	
Trichloroacetic Acid	EPA 552.2	0.8	1.0	N/A	ug/L	10/04/19	10/04/19	1940152	J
Total Haloacetic Acids (HAA5)	EPA 552.2	4.2	1.0	60	ug/L	10/04/19	10/04/19	1940152	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	84 %				10/04/19	10/04/19	1940152	

J Detected below the Reporting Limit; reported concentration is estimated; (J-Flag)

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19J0196
Report Date: 10/15/2019
Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

Page 1 of 1

LOMITA-CITY, WATER DEPT.		User ID: 4TH	System: 1910073	
SITE 1-26255 APPIAN WAY-STG2 DBP		Station No.: 1910073-800	Sampled: 191001 09:30	
BROMODICHLORMETHANE (THM)	Result: 7.8	Units: UG/L	Entry No.: 32101	Analyzed: 191010
BROMOFORM (THM)	Result: 2.7	Units: UG/L	Entry No.: 32104	Analyzed: 191010
DIBROMOCHLOROMETHANE (THM)	Result: 8.2	Units: UG/L	Entry No.: 32105	Analyzed: 191010
CHLOROFORM (THM)	Result: 6.5	Units: UG/L	Entry No.: 32106	Analyzed: 191010
DICHLOROACETIC ACID (DCAA)	Result: 3.1	Units: UG/L	Entry No.: 77288	Analyzed: 191004
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 25.2	Units: UG/L	Entry No.: 82080	Analyzed: 191010
DIBROMOACETIC ACID (DBAA)	Result: 1.1	Units: UG/L	Entry No.: 82721	Analyzed: 191004
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191004
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191004
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191004
HALOACETIC ACIDS (five) (HAA5)	Result: 4.2	Units: UG/L	Entry No.: A-049	Analyzed: 191004
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 191001 09:45	
BROMODICHLORMETHANE (THM)	Result: 6.6	Units: UG/L	Entry No.: 32101	Analyzed: 191010
BROMOFORM (THM)	Result: 2.0	Units: UG/L	Entry No.: 32104	Analyzed: 191010
DIBROMOCHLOROMETHANE (THM)	Result: 7.7	Units: UG/L	Entry No.: 32105	Analyzed: 191010
CHLOROFORM (THM)	Result: 5.1	Units: UG/L	Entry No.: 32106	Analyzed: 191010
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 191004
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 21.4	Units: UG/L	Entry No.: 82080	Analyzed: 191010
DIBROMOACETIC ACID (DBAA)	Result: ND	Units: UG/L	Entry No.: 82721	Analyzed: 191004
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191004
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191004
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191004
HALOACETIC ACIDS (five) (HAA5)	Result: 2.8	Units: UG/L	Entry No.: A-049	Analyzed: 191004
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 191001 10:00	
BROMODICHLORMETHANE (THM)	Result: 6.9	Units: UG/L	Entry No.: 32101	Analyzed: 191010
BROMOFORM (THM)	Result: 2.4	Units: UG/L	Entry No.: 32104	Analyzed: 191010
DIBROMOCHLOROMETHANE (THM)	Result: 8.4	Units: UG/L	Entry No.: 32105	Analyzed: 191010
CHLOROFORM (THM)	Result: 5.3	Units: UG/L	Entry No.: 32106	Analyzed: 191010
DICHLOROACETIC ACID (DCAA)	Result: 2.7	Units: UG/L	Entry No.: 77288	Analyzed: 191004
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 23.0	Units: UG/L	Entry No.: 82080	Analyzed: 191010
DIBROMOACETIC ACID (DBAA)	Result: ND	Units: UG/L	Entry No.: 82721	Analyzed: 191004
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191004
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191004
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191004
HALOACETIC ACIDS (five) (HAA5)	Result: 2.7	Units: UG/L	Entry No.: A-049	Analyzed: 191004
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 191001 10:40	
BROMODICHLORMETHANE (THM)	Result: 5.6	Units: UG/L	Entry No.: 32101	Analyzed: 191010
BROMOFORM (THM)	Result: 2.3	Units: UG/L	Entry No.: 32104	Analyzed: 191010
DIBROMOCHLOROMETHANE (THM)	Result: 6.2	Units: UG/L	Entry No.: 32105	Analyzed: 191010
CHLOROFORM (THM)	Result: 4.2	Units: UG/L	Entry No.: 32106	Analyzed: 191010
DICHLOROACETIC ACID (DCAA)	Result: 3.0	Units: UG/L	Entry No.: 77288	Analyzed: 191004
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 18.3	Units: UG/L	Entry No.: 82080	Analyzed: 191010
DIBROMOACETIC ACID (DBAA)	Result: 1.2	Units: UG/L	Entry No.: 82721	Analyzed: 191004
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191004
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191004
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191004
HALOACETIC ACIDS (five) (HAA5)	Result: 4.2	Units: UG/L	Entry No.: A-049	Analyzed: 191004

Printed: 10/15/2019 04:40:12 PM Results of 19J0196 FINAL WRITEON ALL SAMPLES

Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

Clinical Laboratory of San Bernardino, Inc.



18 November 2019

Clinical Lab No.: 19K0449

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance Sa

Enclosed are the results of the analyses for samples received at the laboratory on 11/05/19. 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: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19K0449
Received: 11/05/19 16:50
Reported: 11/18/19

1912 W. 259th PI

19K0449-01 (Water)

Sample Date: 11/05/19 9:30 Sampler: P.M.

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

Cl Res Total (Field)	Field	2.1		N/A	mg/L	11/05/19	11/05/19	1945107	
pH (Field)	Field	8.74		N/A	pH Units	11/05/19	11/05/19	1945107	
Temperature (Field)	Field	19.4		N/A	°C	11/05/19	11/05/19	1945107	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	5.0	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Bromoform	EPA 524.2	4.4	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Chloroform (Trichloromethane)	EPA 524.2	3.4	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Dibromochloromethane	EPA 524.2	7.8	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Total Trihalomethanes (TTHM)	EPA 524.2	20.6	1.0	80	ug/L	11/09/19	11/10/19	1945165	
Surrogate: Bromofluorobenzene	EPA 524.2	89 %				11/09/19	11/10/19	1945165	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	92 %				11/09/19	11/10/19	1945165	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.8	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Dichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.5	1.0	60	ug/L	11/11/19	11/12/19	1946002	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	102 %				11/11/19	11/12/19	1946002	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19K0449
Received: 11/05/19 16:50
Reported: 11/18/19

1948 252nd St.

19K0449-02 (Water)

Sample Date: 11/05/19 9:40 Sampler: P.M.

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

Cl Res Total (Field)	Field	2.1		N/A	mg/L	11/05/19	11/05/19	1945107	
pH (Field)	Field	8.75		N/A	pH Units	11/05/19	11/05/19	1945107	
Temperature (Field)	Field	19		N/A	°C	11/05/19	11/05/19	1945107	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	4.5	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Bromoform	EPA 524.2	5.1	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Chloroform (Trichloromethane)	EPA 524.2	3.0	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Dibromochloromethane	EPA 524.2	7.5	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Total Trihalomethanes (TTHM)	EPA 524.2	20.1	1.0	80	ug/L	11/09/19	11/10/19	1945165	
Surrogate: Bromofluorobenzene	EPA 524.2	91 %				11/09/19	11/10/19	1945165	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	94 %				11/09/19	11/10/19	1945165	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.8	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Dichloroacetic Acid	EPA 552.2	2.6	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.4	1.0	60	ug/L	11/11/19	11/12/19	1946002	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	92 %				11/11/19	11/12/19	1946002	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19K0449
Received: 11/05/19 16:50
Reported: 11/18/19

2450 W. 247th St.

19K0449-03 (Water)

Sample Date: 11/05/19 10:30 Sampler: P.M.

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

Cl Res Total (Field)	Field	1.6		N/A	mg/L	11/05/19	11/05/19	1945107	
pH (Field)	Field	8.68		N/A	pH Units	11/05/19	11/05/19	1945107	
Temperature (Field)	Field	22.9		N/A	°C	11/05/19	11/05/19	1945107	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	5.2	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Bromoform	EPA 524.2	4.5	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Chloroform (Trichloromethane)	EPA 524.2	4.1	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Dibromochloromethane	EPA 524.2	8.5	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Total Trihalomethanes (TTHM)	EPA 524.2	22.3	1.0	80	ug/L	11/09/19	11/10/19	1945165	
Surrogate: Bromofluorobenzene	EPA 524.2	89 %				11/09/19	11/10/19	1945165	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	93 %				11/09/19	11/10/19	1945165	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.6	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Dichloroacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.4	1.0	60	ug/L	11/11/19	11/12/19	1946002	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	89 %				11/11/19	11/12/19	1946002	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19K0449
Received: 11/05/19 16:50
Reported: 11/18/19

26255 Appian Way

19K0449-04 (Water)

Sample Date: 11/05/19 9:15 **Sampler:** P.M.

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

Cl Res Total (Field)	Field	2.1		N/A	mg/L	11/05/19	11/05/19	1945107	
pH (Field)	Field	8.74		N/A	pH Units	11/05/19	11/05/19	1945107	
Temperature (Field)	Field	18.4		N/A	°C	11/05/19	11/05/19	1945107	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	4.2	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Bromoform	EPA 524.2	5.1	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Chloroform (Trichloromethane)	EPA 524.2	2.6	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Dibromochloromethane	EPA 524.2	6.9	1.0	N/A	ug/L	11/09/19	11/10/19	1945165	
Total Trihalomethanes (TTHM)	EPA 524.2	18.8	1.0	80	ug/L	11/09/19	11/10/19	1945165	
<i>Surrogate: Bromofluorobenzene</i>	EPA 524.2	82 %				11/09/19	11/10/19	1945165	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	EPA 524.2	87 %				11/09/19	11/10/19	1945165	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.9	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Dichloroacetic Acid	EPA 552.2	2.6	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/11/19	11/12/19	1946002	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.5	1.0	60	ug/L	11/11/19	11/12/19	1946002	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	EPA 552.2	96 %				11/11/19	11/12/19	1946002	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Page 1 of 1

Work Order: 19K0449

Report Date: 11/18/2019

Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

LOMITA-CITY, WATER DEPT.		User ID: 4TH	System: 1910073	
SITE 1-26255 APPIAN WAY-STG2 DBP		Station No.: 1910073-800	Sampled: 191105 09:15	
BROMODICHLORMETHANE (THM)	Result: 4.2	Units: UG/L	Entry No.: 32101	Analyzed: 191110
BROMOFORM (THM)	Result: 5.1	Units: UG/L	Entry No.: 32104	Analyzed: 191110
DIBROMOCHLOROMETHANE (THM)	Result: 6.9	Units: UG/L	Entry No.: 32105	Analyzed: 191110
CHLOROFORM (THM)	Result: 2.6	Units: UG/L	Entry No.: 32106	Analyzed: 191110
DICHLOROACETIC ACID (DCAA)	Result: 2.6	Units: UG/L	Entry No.: 77288	Analyzed: 191112
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 18.8	Units: UG/L	Entry No.: 82080	Analyzed: 191110
DIBROMOACETIC ACID (DBAA)	Result: 1.9	Units: UG/L	Entry No.: 82721	Analyzed: 191112
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191112
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191112
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191112
HALOACETIC ACIDS (five) (HAA5)	Result: 4.5	Units: UG/L	Entry No.: A-049	Analyzed: 191112
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 191105 09:30	
BROMODICHLORMETHANE (THM)	Result: 5.0	Units: UG/L	Entry No.: 32101	Analyzed: 191110
BROMOFORM (THM)	Result: 4.4	Units: UG/L	Entry No.: 32104	Analyzed: 191110
DIBROMOCHLOROMETHANE (THM)	Result: 7.8	Units: UG/L	Entry No.: 32105	Analyzed: 191110
CHLOROFORM (THM)	Result: 3.4	Units: UG/L	Entry No.: 32106	Analyzed: 191110
DICHLOROACETIC ACID (DCAA)	Result: 2.7	Units: UG/L	Entry No.: 77288	Analyzed: 191112
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 20.6	Units: UG/L	Entry No.: 82080	Analyzed: 191110
DIBROMOACETIC ACID (DBAA)	Result: 1.8	Units: UG/L	Entry No.: 82721	Analyzed: 191112
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191112
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191112
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191112
HALOACETIC ACIDS (five) (HAA5)	Result: 4.5	Units: UG/L	Entry No.: A-049	Analyzed: 191112
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 191105 09:40	
BROMODICHLORMETHANE (THM)	Result: 4.5	Units: UG/L	Entry No.: 32101	Analyzed: 191110
BROMOFORM (THM)	Result: 5.1	Units: UG/L	Entry No.: 32104	Analyzed: 191110
DIBROMOCHLOROMETHANE (THM)	Result: 7.5	Units: UG/L	Entry No.: 32105	Analyzed: 191110
CHLOROFORM (THM)	Result: 3.0	Units: UG/L	Entry No.: 32106	Analyzed: 191110
DICHLOROACETIC ACID (DCAA)	Result: 2.6	Units: UG/L	Entry No.: 77288	Analyzed: 191112
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 20.1	Units: UG/L	Entry No.: 82080	Analyzed: 191110
DIBROMOACETIC ACID (DBAA)	Result: 1.8	Units: UG/L	Entry No.: 82721	Analyzed: 191112
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191112
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191112
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191112
HALOACETIC ACIDS (five) (HAA5)	Result: 4.4	Units: UG/L	Entry No.: A-049	Analyzed: 191112
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 191105 10:30	
BROMODICHLORMETHANE (THM)	Result: 5.2	Units: UG/L	Entry No.: 32101	Analyzed: 191110
BROMOFORM (THM)	Result: 4.5	Units: UG/L	Entry No.: 32104	Analyzed: 191110
DIBROMOCHLOROMETHANE (THM)	Result: 8.5	Units: UG/L	Entry No.: 32105	Analyzed: 191110
CHLOROFORM (THM)	Result: 4.1	Units: UG/L	Entry No.: 32106	Analyzed: 191110
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 191112
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 22.3	Units: UG/L	Entry No.: 82080	Analyzed: 191110
DIBROMOACETIC ACID (DBAA)	Result: 1.6	Units: UG/L	Entry No.: 82721	Analyzed: 191112
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191112
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191112
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191112
HALOACETIC ACIDS (five) (HAA5)	Result: 4.4	Units: UG/L	Entry No.: A-049	Analyzed: 191112

Printed: 11/18/2019 11:25:29 AM Results of 19K0449 FINAL WRITEON ALL SAMPLES

Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

0/0/12
Chain of Custody

[illegible]

Clinical Laboratory of San Bernardino, Inc.



12 December 2019

Clinical Lab No.: 19L0326

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance Sa

Enclosed are the results of the analyses for samples received at the laboratory on 12/03/19. 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: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19L0326
Received: 12/03/19 17:37
Reported: 12/12/19

1912 W. 259th Pl

19L0326-01 (Water)

Sample Date: 12/03/19 10:40 Sampler: P.M.

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

Cl Res Total (Field)	Field	2.1		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.77		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	17.2		N/A	°C	12/03/19	12/03/19	1949113	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	4.0	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Bromoform	EPA 524.2	8.5	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Chloroform (Trichloromethane)	EPA 524.2	2.0	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Dibromochloromethane	EPA 524.2	8.0	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Total Trihalomethanes (TTHM)	EPA 524.2	22.5	1.0	80	ug/L	12/06/19	12/07/19	1949175	
Surrogate: Bromofluorobenzene	EPA 524.2	120 %				12/06/19	12/07/19	1949175	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	142 %				12/06/19	12/07/19	1949175	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Dichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monobromoacetic Acid	EPA 552.2	1.6	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Total Haloacetic Acids (HAA5)	EPA 552.2	7.0	1.0	60	ug/L	12/06/19	12/06/19	1949151	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	107 %				12/06/19	12/06/19	1949151	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19L0326
Received: 12/03/19 17:37
Reported: 12/12/19

1948 252nd St.

19L0326-02 (Water)

Sample Date: 12/03/19 10:50 Sampler: P.M.

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

Cl Res Total (Field)	Field	2.3		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.76		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	17.1		N/A	°C	12/03/19	12/03/19	1949113	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	4.0	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Bromoform	EPA 524.2	7.8	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Chloroform (Trichloromethane)	EPA 524.2	2.2	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Dibromochloromethane	EPA 524.2	7.8	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Total Trihalomethanes (TTHM)	EPA 524.2	21.8	1.0	80	ug/L	12/06/19	12/07/19	1949175	
Surrogate: Bromofluorobenzene	EPA 524.2	141 %				12/06/19	12/07/19	1949175	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	165 %				12/06/19	12/07/19	1949175	S-GC

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Dichloroacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monobromoacetic Acid	EPA 552.2	1.5	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Total Haloacetic Acids (HAA5)	EPA 552.2	7.0	1.0	60	ug/L	12/06/19	12/06/19	1949151	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	108 %				12/06/19	12/06/19	1949151	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19L0326
Received: 12/03/19 17:37
Reported: 12/12/19

2450 W. 247th St.

19L0326-03 (Water)

Sample Date: 12/03/19 11:20 Sampler: P.M.

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

Cl Res Total (Field)	Field	1.3		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.68		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	20		N/A	°C	12/03/19	12/03/19	1949113	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	4.8	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Bromoform	EPA 524.2	7.8	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Chloroform (Trichloromethane)	EPA 524.2	2.5	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Dibromochloromethane	EPA 524.2	8.5	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Total Trihalomethanes (TTHM)	EPA 524.2	23.6	1.0	80	ug/L	12/06/19	12/07/19	1949175	
Surrogate: Bromofluorobenzene	EPA 524.2	118 %				12/06/19	12/07/19	1949175	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	122 %				12/06/19	12/07/19	1949175	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Dichloroacetic Acid	EPA 552.2	3.2	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Total Haloacetic Acids (HAA5)	EPA 552.2	6.0	1.0	60	ug/L	12/06/19	12/06/19	1949151	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	107 %				12/06/19	12/06/19	1949151	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA Lomita Distribution Monthly Compliance
Project Manager: Mark Andersen

Work Order: 19L0326
Received: 12/03/19 17:37
Reported: 12/12/19

26255 Appian Way

19L0326-04 (Water)

Sample Date: 12/03/19 10:03 Sampler: P.M.

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

Cl Res Total (Field)	Field	2.3		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.76		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	17.1		N/A	°C	12/03/19	12/03/19	1949113	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	3.8	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Bromoform	EPA 524.2	6.4	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Chloroform (Trichloromethane)	EPA 524.2	1.8	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Dibromochloromethane	EPA 524.2	7.4	1.0	N/A	ug/L	12/06/19	12/07/19	1949175	
Total Trihalomethanes (TTHM)	EPA 524.2	19.4	1.0	80	ug/L	12/06/19	12/07/19	1949175	
Surrogate: Bromofluorobenzene	EPA 524.2	111 %				12/06/19	12/07/19	1949175	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	114 %				12/06/19	12/07/19	1949175	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Dichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monobromoacetic Acid	EPA 552.2	1.5	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/06/19	12/06/19	1949151	
Total Haloacetic Acids (HAA5)	EPA 552.2	6.9	1.0	60	ug/L	12/06/19	12/06/19	1949151	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	105 %				12/06/19	12/06/19	1949151	

S-GC Surrogate recovery outside acceptance limits. Results are accepted based on valid recovery of the remaining surrogate(s).

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19L0326
Report Date: 12/12/2019
Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

Page 1 of 1

LOMITA-CITY, WATER DEPT.		User ID: 4TH	System: 1910073	
SITE 1-26255 APPIAN WAY-STG2 DBP		Station No.: 1910073-800	Sampled: 191203 10:03	
BROMODICHLORMETHANE (THM)	Result: 3.8	Units: UG/L	Entry No.: 32101	Analyzed: 191207
BROMOFORM (THM)	Result: 6.4	Units: UG/L	Entry No.: 32104	Analyzed: 191207
DIBROMOCHLOROMETHANE (THM)	Result: 7.4	Units: UG/L	Entry No.: 32105	Analyzed: 191207
CHLOROFORM (THM)	Result: 1.8	Units: UG/L	Entry No.: 32106	Analyzed: 191207
DICHLOROACETIC ACID (DCAA)	Result: 2.7	Units: UG/L	Entry No.: 77288	Analyzed: 191206
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 19.4	Units: UG/L	Entry No.: 82080	Analyzed: 191207
DIBROMOACETIC ACID (DBAA)	Result: 2.7	Units: UG/L	Entry No.: 82721	Analyzed: 191206
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191206
MONOBROMOACETIC ACID (MBAA)	Result: 1.5	Units: UG/L	Entry No.: A-041	Analyzed: 191206
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191206
HALOACETIC ACIDS (five) (HAA5)	Result: 6.9	Units: UG/L	Entry No.: A-049	Analyzed: 191206
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 191203 10:40	
BROMODICHLORMETHANE (THM)	Result: 4.0	Units: UG/L	Entry No.: 32101	Analyzed: 191207
BROMOFORM (THM)	Result: 8.5	Units: UG/L	Entry No.: 32104	Analyzed: 191207
DIBROMOCHLOROMETHANE (THM)	Result: 8.0	Units: UG/L	Entry No.: 32105	Analyzed: 191207
CHLOROFORM (THM)	Result: 2.0	Units: UG/L	Entry No.: 32106	Analyzed: 191207
DICHLOROACETIC ACID (DCAA)	Result: 2.7	Units: UG/L	Entry No.: 77288	Analyzed: 191206
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 22.5	Units: UG/L	Entry No.: 82080	Analyzed: 191207
DIBROMOACETIC ACID (DBAA)	Result: 2.7	Units: UG/L	Entry No.: 82721	Analyzed: 191206
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191206
MONOBROMOACETIC ACID (MBAA)	Result: 1.6	Units: UG/L	Entry No.: A-041	Analyzed: 191206
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191206
HALOACETIC ACIDS (five) (HAA5)	Result: 7.0	Units: UG/L	Entry No.: A-049	Analyzed: 191206
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 191203 10:50	
BROMODICHLORMETHANE (THM)	Result: 4.0	Units: UG/L	Entry No.: 32101	Analyzed: 191207
BROMOFORM (THM)	Result: 7.8	Units: UG/L	Entry No.: 32104	Analyzed: 191207
DIBROMOCHLOROMETHANE (THM)	Result: 7.8	Units: UG/L	Entry No.: 32105	Analyzed: 191207
CHLOROFORM (THM)	Result: 2.2	Units: UG/L	Entry No.: 32106	Analyzed: 191207
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 191206
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 21.8	Units: UG/L	Entry No.: 82080	Analyzed: 191207
DIBROMOACETIC ACID (DBAA)	Result: 2.7	Units: UG/L	Entry No.: 82721	Analyzed: 191206
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191206
MONOBROMOACETIC ACID (MBAA)	Result: 1.5	Units: UG/L	Entry No.: A-041	Analyzed: 191206
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191206
HALOACETIC ACIDS (five) (HAA5)	Result: 7.0	Units: UG/L	Entry No.: A-049	Analyzed: 191206
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 191203 11:20	
BROMODICHLORMETHANE (THM)	Result: 4.8	Units: UG/L	Entry No.: 32101	Analyzed: 191207
BROMOFORM (THM)	Result: 7.8	Units: UG/L	Entry No.: 32104	Analyzed: 191207
DIBROMOCHLOROMETHANE (THM)	Result: 8.5	Units: UG/L	Entry No.: 32105	Analyzed: 191207
CHLOROFORM (THM)	Result: 2.5	Units: UG/L	Entry No.: 32106	Analyzed: 191207
DICHLOROACETIC ACID (DCAA)	Result: 3.2	Units: UG/L	Entry No.: 77288	Analyzed: 191206
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 23.6	Units: UG/L	Entry No.: 82080	Analyzed: 191207
DIBROMOACETIC ACID (DBAA)	Result: 2.8	Units: UG/L	Entry No.: 82721	Analyzed: 191206
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 191206
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 191206
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 191206
HALOACETIC ACIDS (five) (HAA5)	Result: 6.0	Units: UG/L	Entry No.: A-049	Analyzed: 191206

Printed: 12/12/2019 08:26:41 PM Results of 19L0326 FINAL WRITEON ALL SAMPLES

Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088

Clinical Laboratory of San Bernardino, Inc.

1920326 01/01/16
Chain of Custody

Client		City of Lomita		System Number				Analysis Requested			
Address		24373 Walnut Avenue		1910073				TTHM / HAA's			
		Lomita, CA 91717									
Phone #		(310) 903-2243		Destination Laboratory							
Fax #				[X] Clinical Laboratory							
Project		TTHM's / HAA's		RWQCB Compliance							
Sub Project		Lomita Distribution Monthly Compliance Samples, 1st Week of December, 2019		YES							
Comments				ELAP #							
Sampled by		P.M.		1088							
Date	Time	Sample Identification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	Comments		
12/3/2019	1040	1912 W. 259th Pl	DW	see bottle	1D	8.77	2.1	17.2	x		
12/3/2019	1050	1948 252nd St.	DW	see bottle	1D	8.76	2.3	17.1°	x		
12/3/2019	1120	2450 W. 247th St.	DW	see bottle	1D	8.68	1.3	20.0°	x		
12/3/2019	1003	26255 Appian Way	DW	see bottle	1D	8.76	2.30	17.1°	x		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:			Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist. Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special								
Relinquished By (Sign)		Print Name / Company		Date / Time				Received By (sign)			
Patrick McCue		Patrick McCue / City of Lomita		12/3/2019				145 [Signature] / [Signature]			
[Signature]		[Signature]		537				[Signature]			
Comments:				Samples received: (X) On ice () Intact () Custody seals Temp 9.7 () F () C							
Shipped Via		Page 1 of 1									

Clinical Laboratory of San Bernardino, Inc.



12 December 2019

Clinical Lab No.: 19L0216

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 12/03/19. 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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L0216
Received: 12/03/19 17:37
Reported: 12/12/19

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

19L0216-01 (Water)

Sample Date: 12/03/19 10:40 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.18		N/A	mg/L	12/03/19	12/03/19	1949113	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.77		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	2.1		N/A	°C	12/03/19	12/03/19	1949113	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
E. Coli	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/03/19	12/05/19	1949149	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/04/19	12/04/19	1949080	
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26314 Monte Vista (S13-002 Zone:3)

19L0216-02 (Water)

Sample Date: 12/03/19 10:15 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	12/03/19	12/03/19	1949113	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.86		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	2.1		N/A	°C	12/03/19	12/03/19	1949113	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
E. Coli	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/03/19	12/05/19	1949149	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/03/19	12/03/19	1949125	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/03/19	12/03/19	1949125	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/03/19	12/03/19	1949125	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/04/19	12/04/19	1949075	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L0216
Received: 12/03/19 17:37
Reported: 12/12/19

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

19L0216-03 (Water)

Sample Date: 12/03/19 10:50 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.59		N/A	mg/L	12/03/19	12/03/19	1949113	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.76		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	2.3		N/A	°C	12/03/19	12/03/19	1949113	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
E. Coli	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/03/19	12/05/19	1949149	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/04/19	12/04/19	1949075	
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24632 S. Moon Ave. (S13-004 Zone:1)

19L0216-04 (Water)

Sample Date: 12/03/19 11:10 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.46		N/A	mg/L	12/03/19	12/03/19	1949113	
Cl Res Total (Field)	Field	1.9		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.74		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	1.9		N/A	°C	12/03/19	12/03/19	1949113	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
E. Coli	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/03/19	12/05/19	1949149	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/04/19	12/04/19	1949075	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L0216
Received: 12/03/19 17:37
Reported: 12/12/19

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

19L0216-05 (Water)

Sample Date: 12/03/19 11:35 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.16		N/A	mg/L	12/03/19	12/03/19	1949113	
Cl Res Total (Field)	Field	2		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.76		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	2		N/A	°C	12/03/19	12/03/19	1949113	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
E. Coli	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
Plate Count	SM9215B	1	1	500	CFU/ml	12/03/19	12/05/19	1949149	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/03/19	12/03/19	1949125	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/03/19	12/03/19	1949125	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/03/19	12/03/19	1949125	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/04/19	12/04/19	1949075	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19L0216-06 (Water)

Sample Date: 12/03/19 11:25 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.2		N/A	mg/L	12/03/19	12/03/19	1949113	
Cl Res Total (Field)	Field	1.5		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.74		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	1.5		N/A	°C	12/03/19	12/03/19	1949113	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
E. Coli	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
Plate Count	SM9215B	2	1	500	CFU/ml	12/03/19	12/05/19	1949149	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/04/19	12/04/19	1949075	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L0216
Received: 12/03/19 17:37
Reported: 12/12/19

2052 Dawn St (A Zone:1)

19L0216-07 (Water)

Sample Date: 12/03/19 11:05 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.29		N/A	mg/L	12/03/19	12/03/19	1949113	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	12/03/19	12/03/19	1949113	
pH (Field)	Field	8.69		N/A	pH Units	12/03/19	12/03/19	1949113	
Temperature (Field)	Field	2.3		N/A	°C	12/03/19	12/03/19	1949113	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
E. Coli	SM 9223	A		N/A	P/A	12/03/19	12/04/19	1949116	
Plate Count	SM9215B	4	1	500	CFU/ml	12/03/19	12/05/19	1949149	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	12/04/19	12/04/19	1949087	
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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.

19L0216

Chain of Custody

2/2/17

Client		City of Lomita		System Number		Analysis Requested									
Address		24373 Walnut Avenue		1910073		Total Coliform / E. Coli / P-A / HPC General Physical Nitrate									
		Lomita, CA 91717													
Phone #		(310)903-2243		Destination Laboratory		Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: <u>Auto Calibrating</u> DPD Reagent Exp.: <u>Oct-22</u> 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: <u>Auto Calibrating</u> DPD Reagent exp. date: <u>May-21</u> 3. pH and Temperature - HACH, HQ11d Calibration Date: <u>7-8-19</u>									
Fax #				[X] Clinical Laboratory											
Project		Standard Analysis		RWQCB Compliance											
Sub Project		Weekly Distribution Samples: 1st week of December, 2019		YES											
Comments				1088											
Sampled by															
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine					
12/3/2019	1040	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	17.2°	0.18	8.77	2.1	x		x		
12/3/2019	1015	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	17.1°	0.12	8.86	2.1	x	x	x		
12/3/2019	1050	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	17.1°	0.59	8.76	2.3	x		x		
12/3/2019	1110	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	18.1°	0.46	8.74	1.9	x		x		
12/3/2019	1135	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	18.1°	0.16	8.76	2.0	x	x	x		
12/3/2019	1125	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	18.4°	0.20	8.74	1.5	x		x		
12/3/2019	1105	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	17.1°	0.29	8.69	2.3	x		x		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl			Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist.												
(5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:			Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special												
Relinquished By (Sign)		Print Name / Company		Date / Time								Received By (Sign)			
Patrick McCreary		Patrick McCreary / City of Lomita		12/3/2019		145						D. Navarro / L. Owens			
W. Chapman		W. Chapman / LCB				157									
Shipped Via				<input type="checkbox"/> Fed X <input type="checkbox"/> Golden State <input type="checkbox"/> UPS <input type="checkbox"/> Client <input type="checkbox"/> Other				Samples received: (<input checked="" type="checkbox"/>) On ice (<input checked="" type="checkbox"/>) Intact () Custody seals Temp <u>8.4</u> () F () C							
								Page 1 of 1							

Clinical Laboratory of San Bernardino, Inc.



13 December 2019

Clinical Lab No.: 19L0936

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 12/10/19. 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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L0936
Received: 12/10/19 17:45
Reported: 12/13/19

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

19L0936-01 (Water)

Sample Date: 12/10/19 9:15 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.37		N/A	mg/L	12/10/19	12/10/19	1950100	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	12/10/19	12/10/19	1950100	
pH (Field)	Field	8.71		N/A	pH Units	12/10/19	12/10/19	1950100	
Temperature (Field)	Field	16.3		N/A	°C	12/10/19	12/10/19	1950100	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
E. Coli	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/10/19	12/12/19	1950161	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/10/19	12/10/19	1950126	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/10/19	12/10/19	1950126	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/10/19	12/10/19	1950126	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/11/19	12/11/19	1950101	
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26314 Monte Vista (S13-002 Zone:3)

19L0936-02 (Water)

Sample Date: 12/10/19 9:05 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.4		N/A	mg/L	12/10/19	12/10/19	1950100	
Cl Res Total (Field)	Field	1.8		N/A	mg/L	12/10/19	12/10/19	1950100	
pH (Field)	Field	8.52		N/A	pH Units	12/10/19	12/10/19	1950100	
Temperature (Field)	Field	17.4		N/A	°C	12/10/19	12/10/19	1950100	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
E. Coli	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
Plate Count	SM9215B	1	1	500	CFU/ml	12/10/19	12/12/19	1950161	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/11/19	12/11/19	1950101	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L0936
Received: 12/10/19 17:45
Reported: 12/13/19

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

19L0936-03 (Water)

Sample Date: 12/10/19 9:30 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.3		N/A	mg/L	12/10/19	12/10/19	1950100	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	12/10/19	12/10/19	1950100	
pH (Field)	Field	8.69		N/A	pH Units	12/10/19	12/10/19	1950100	
Temperature (Field)	Field	16		N/A	°C	12/10/19	12/10/19	1950100	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
E. Coli	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/10/19	12/12/19	1950161	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/10/19	12/10/19	1950126	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/10/19	12/10/19	1950126	
Turbidity	EPA 180.1	0.2	0.1	5	NTU	12/10/19	12/10/19	1950126	

General Chemical Analyses

Nitrate as N (NO ₃ -N)	EPA 300.0	ND	0.40	10	mg/L	12/11/19	12/11/19	1950101	
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24632 S. Moon Ave. (S13-004 Zone:1)

19L0936-04 (Water)

Sample Date: 12/10/19 9:55 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.23		N/A	mg/L	12/10/19	12/10/19	1950100	
Cl Res Total (Field)	Field	2		N/A	mg/L	12/10/19	12/10/19	1950100	
pH (Field)	Field	8.71		N/A	pH Units	12/10/19	12/10/19	1950100	
Temperature (Field)	Field	17.5		N/A	°C	12/10/19	12/10/19	1950100	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
E. Coli	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/10/19	12/12/19	1950161	HT-08

General Chemical Analyses

Nitrate as N (NO ₃ -N)	EPA 300.0	ND	0.40	10	mg/L	12/11/19	12/11/19	1950101	
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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 December, 2019
Project Manager: Mark Andersen
Work Order: 19L0936
Received: 12/10/19 17:45
Reported: 12/13/19

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

19L0936-05 (Water)

Sample Date: 12/10/19 10:10 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.13		N/A	mg/L	12/10/19	12/10/19	1950100	
Cl Res Total (Field)	Field	1.9		N/A	mg/L	12/10/19	12/10/19	1950100	
pH (Field)	Field	8.68		N/A	pH Units	12/10/19	12/10/19	1950100	
Temperature (Field)	Field	17.6		N/A	°C	12/10/19	12/10/19	1950100	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
E. Coli	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/10/19	12/12/19	1950161	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/11/19	12/11/19	1950101	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19L0936-06 (Water)

Sample Date: 12/10/19 10:00 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.17		N/A	mg/L	12/10/19	12/10/19	1950100	
Cl Res Total (Field)	Field	1.4		N/A	mg/L	12/10/19	12/10/19	1950100	
pH (Field)	Field	8.7		N/A	pH Units	12/10/19	12/10/19	1950100	
Temperature (Field)	Field	17.9		N/A	°C	12/10/19	12/10/19	1950100	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
E. Coli	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
Plate Count	SM9215B	2	1	500	CFU/ml	12/10/19	12/12/19	1950161	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/11/19	12/11/19	1950101	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L0936
Received: 12/10/19 17:45
Reported: 12/13/19

2052 Dawn St (A Zone:1)

19L0936-07 (Water)

Sample Date: 12/10/19 9:40 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.18		N/A	mg/L	12/10/19	12/10/19	1950100	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	12/10/19	12/10/19	1950100	
pH (Field)	Field	8.69		N/A	pH Units	12/10/19	12/10/19	1950100	
Temperature (Field)	Field	16.2		N/A	°C	12/10/19	12/10/19	1950100	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
E. Coli	SM 9223	A		N/A	P/A	12/10/19	12/11/19	1950121	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/10/19	12/12/19	1950161	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/11/19	12/11/19	1950101	
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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.

Chain of Custody

19L0936

7/2/17

Client		City of Lomita		System Number		Analysis Requested									
Address		24373 Walnut Avenue		1910073		Total Coliform / E. Coli / P-A / HPC General Physical Nitrate									
		Lomita, CA 91717													
Phone #		(310)903-2243													
Fax #				Destination Laboratory		Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: Auto Calibrating DPD Reagent Exp.: Oct-22 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: Auto Calibrating DPD Reagent exp. date: May-21 3. pH and Temperature - HACH, HQ11d Calibration Date: 7-8-19									
Project		Standard Analysis		[X] Clinical Laboratory											
Sub Project		Weekly Distribution Samples: 2nd week of December, 2019		RWQCB Compliance											
Comments				YES											
Sampled by				1088											
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine					
12/10/2019	0915	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	16.3°	0.37	8.71	2.1	x	x	x		
12/10/2019	0905	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	17.4°	0.40	8.52	1.8	x		x		
12/10/2019	0930	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	16.0°	0.30	8.69	2.1	x	x	x		
12/10/2019	0955	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	17.5°	0.23	8.71	2.0	x		x		
12/10/2019	1010	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	17.6°	0.13	8.68	1.9	x		x		
12/10/2019	1000	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	17.9°	0.17	8.70	1.4	x		x		
12/10/2019	0940	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	16.2°	0.18	8.69	2.2	x		x		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl															
(5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:															
Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist.															
Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special															
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (sign)									
Patrick Melis		/ City of Lomita		12/10/2019 257		V. Arguam / USB / D. Chapman									
D. Chapman		D. Chapman / USB		12/10/2019 545		/ Rebecca Mena									
Samples received: (X) On ice () Intact () Custody seals Temp 3.0 () F () C															
Shipped Via		<input type="checkbox"/> Fed X <input type="checkbox"/> Golden State <input type="checkbox"/> UPS <input type="checkbox"/> Client <input type="checkbox"/> Other													
Page 1 of 1															

Clinical Laboratory of San Bernardino, Inc.



20 December 2019

Clinical Lab No.: 19L1572

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 12/17/19. 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 December, 2019
Project Manager: Mark Andersen
Work Order: 19L1572
Received: 12/17/19 16:37
Reported: 12/20/19

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

19L1572-01 (Water)

Sample Date: 12/17/19 8:35 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.18		N/A	mg/L	12/17/19	12/17/19	1951087	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	12/17/19	12/17/19	1951087	
pH (Field)	Field	8.81		N/A	pH Units	12/17/19	12/17/19	1951087	
Temperature (Field)	Field	16.1		N/A	°C	12/17/19	12/17/19	1951087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
E. Coli	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/17/19	12/19/19	1951150	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/18/19	12/18/19	1951081	
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26314 Monte Vista (S13-002 Zone:3)

19L1572-02 (Water)

Sample Date: 12/17/19 8:25 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.36		N/A	mg/L	12/17/19	12/17/19	1951087	
Cl Res Total (Field)	Field	1.7		N/A	mg/L	12/17/19	12/17/19	1951087	
pH (Field)	Field	8.7		N/A	pH Units	12/17/19	12/17/19	1951087	
Temperature (Field)	Field	15.9		N/A	°C	12/17/19	12/17/19	1951087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
E. Coli	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/17/19	12/19/19	1951150	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/18/19	12/18/19	1951081	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L1572
Received: 12/17/19 16:37
Reported: 12/20/19

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

19L1572-03 (Water)

Sample Date: 12/17/19 8:45 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.24		N/A	mg/L	12/17/19	12/17/19	1951087	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	12/17/19	12/17/19	1951087	
pH (Field)	Field	8.75		N/A	pH Units	12/17/19	12/17/19	1951087	
Temperature (Field)	Field	16		N/A	°C	12/17/19	12/17/19	1951087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
E. Coli	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/17/19	12/19/19	1951150	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/18/19	12/18/19	1951081	
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24632 S. Moon Ave. (S13-004 Zone:1)

19L1572-04 (Water)

Sample Date: 12/17/19 9:10 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.36		N/A	mg/L	12/17/19	12/17/19	1951087	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	12/17/19	12/17/19	1951087	
pH (Field)	Field	8.65		N/A	pH Units	12/17/19	12/17/19	1951087	
Temperature (Field)	Field	17		N/A	°C	12/17/19	12/17/19	1951087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
E. Coli	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/17/19	12/19/19	1951150	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/17/19	12/17/19	1951131	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/17/19	12/17/19	1951131	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/17/19	12/17/19	1951131	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/18/19	12/18/19	1951078	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L1572
Received: 12/17/19 16:37
Reported: 12/20/19

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

19L1572-05 (Water)

Sample Date: 12/17/19 9:30 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.33		N/A	mg/L	12/17/19	12/17/19	1951087	
Cl Res Total (Field)	Field	1.6		N/A	mg/L	12/17/19	12/17/19	1951087	
pH (Field)	Field	8.69		N/A	pH Units	12/17/19	12/17/19	1951087	
Temperature (Field)	Field	17.1		N/A	°C	12/17/19	12/17/19	1951087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
E. Coli	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/17/19	12/19/19	1951150	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/17/19	12/17/19	1951131	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/17/19	12/17/19	1951131	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/17/19	12/17/19	1951131	

General Chemical Analyses

Nitrate as N (NO ₃ -N)	EPA 300.0	ND	0.40	10	mg/L	12/18/19	12/18/19	1951078	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19L1572-06 (Water)

Sample Date: 12/17/19 9:20 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.23		N/A	mg/L	12/17/19	12/17/19	1951087	
Cl Res Total (Field)	Field	1.6		N/A	mg/L	12/17/19	12/17/19	1951087	
pH (Field)	Field	8.71		N/A	pH Units	12/17/19	12/17/19	1951087	
Temperature (Field)	Field	17.6		N/A	°C	12/17/19	12/17/19	1951087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
E. Coli	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/17/19	12/19/19	1951150	

General Chemical Analyses

Nitrate as N (NO ₃ -N)	EPA 300.0	ND	0.40	10	mg/L	12/18/19	12/18/19	1951078	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L1572
Received: 12/17/19 16:37
Reported: 12/20/19

2052 Dawn St (A Zone:1)

19L1572-07 (Water)

Sample Date: 12/17/19 8:55 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.25		N/A	mg/L	12/17/19	12/17/19	1951087	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	12/17/19	12/17/19	1951087	
pH (Field)	Field	8.7		N/A	pH Units	12/17/19	12/17/19	1951087	
Temperature (Field)	Field	15.8		N/A	°C	12/17/19	12/17/19	1951087	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
E. Coli	SM 9223	A		N/A	P/A	12/17/19	12/18/19	1951105	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/17/19	12/19/19	1951150	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/18/19	12/18/19	1951078	
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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.

1921572

Chain of Custody

7/2/7

Client		City of Lomita		System Number		Analysis Requested									
Address		24373 Walnut Avenue		1910073		Total Coliform / E. Coli, P-A / HPC General Physical Nitrate Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: Auto Calibrating DPD Reagent Exp.: Oct-22 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: Auto Calibrating DPD Reagent exp. date: May-21 3. pH and Temperature - HACH, HQ11d Calibration Date: 7-8-19									
		Lomita, CA 91717													
Phone #		(310)903-2243													
Fax #				Destination Laboratory											
Project		Standard Analysis		[X] Clinical Laboratory											
Sub Project		Weekly Distribution Samples: 3rd week of December, 2019		RWQCB Compliance											
Comments				YES											
Sampled by				1088											
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine					
12/17/2019	0835	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	16.1°	0.18	8.81	2.20	x		x		
12/17/2019	0825	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	15.9°	0.36	8.70	1.70	x		x		
12/17/2019	0845	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	16.0°	0.24	8.75	2.20	x		x		
12/17/2019	0910	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	17.0°	0.36	8.65	2.10	x	x	x		
12/17/2019	0930	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	17.1°	0.33	8.69	1.60	x	x	x		
12/17/2019	0920	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	17.6°	0.23	8.71	1.60	x		x		
12/17/2019	0855	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	15.8°	0.25	8.70	2.20	x		x		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:															
Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist. Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special															
Relinquished By (Sign)		Print Name / Company		Date / Time						Received By (Sign)					
Patrick McLean		Patrick McLean / City of Lomita		12/17/2019		107				J. Chapman / City of Lomita					
J. Chapman		J. Chapman / USB		4		437									
Samples received: (X) On ice () Intact () Custody seals Temp 2.7 () F () C															
Shipped Via		<input type="checkbox"/> Fed X <input type="checkbox"/> Golden State <input type="checkbox"/> UPS <input type="checkbox"/> Client <input type="checkbox"/> Other													
Page 1 of 1															

Clinical Laboratory of San Bernardino, Inc.



31 December 2019

Clinical Lab No.: 19L2081

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 12/23/19. 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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L2081
Received: 12/23/19 18:30
Reported: 12/31/19

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

19L2081-01 (Water)

Sample Date: 12/23/19 9:05 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	12/23/19	12/23/19	1952053	
Cl Res Total (Field)	Field	2.05		N/A	mg/L	12/23/19	12/23/19	1952053	
pH (Field)	Field	8.73		N/A	pH Units	12/23/19	12/23/19	1952053	
Temperature (Field)	Field	15.4		N/A	°C	12/23/19	12/23/19	1952053	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
E. Coli	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/23/19	12/25/19	1952085	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.50	0.40	10	mg/L	12/24/19	12/24/19	1952055	
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26314 Monte Vista (S13-002 Zone:3)

19L2081-02 (Water)

Sample Date: 12/23/19 8:55 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.16		N/A	mg/L	12/23/19	12/23/19	1952053	
Cl Res Total (Field)	Field	2		N/A	mg/L	12/23/19	12/23/19	1952053	
pH (Field)	Field	8.51		N/A	pH Units	12/23/19	12/23/19	1952053	
Temperature (Field)	Field	15.6		N/A	°C	12/23/19	12/23/19	1952053	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
E. Coli	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/23/19	12/25/19	1952085	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.51	0.40	10	mg/L	12/24/19	12/24/19	1952055	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L2081
Received: 12/23/19 18:30
Reported: 12/31/19

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

19L2081-03 (Water)

Sample Date: 12/23/19 9:15 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.19		N/A	mg/L	12/23/19	12/23/19	1952053	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	12/23/19	12/23/19	1952053	
pH (Field)	Field	8.71		N/A	pH Units	12/23/19	12/23/19	1952053	
Temperature (Field)	Field	15.2		N/A	°C	12/23/19	12/23/19	1952053	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
E. Coli	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
Plate Count	SM9215B	1	1	500	CFU/ml	12/23/19	12/25/19	1952085	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.50	0.40	10	mg/L	12/24/19	12/24/19	1952055	
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24632 S. Moon Ave. (S13-004 Zone:1)

19L2081-04 (Water)

Sample Date: 12/23/19 9:40 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.13		N/A	mg/L	12/23/19	12/23/19	1952053	
Cl Res Total (Field)	Field	1.79		N/A	mg/L	12/23/19	12/23/19	1952053	
pH (Field)	Field	8.64		N/A	pH Units	12/23/19	12/23/19	1952053	
Temperature (Field)	Field	16.6		N/A	°C	12/23/19	12/23/19	1952053	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
E. Coli	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
Plate Count	SM9215B	1	1	500	CFU/ml	12/23/19	12/25/19	1952085	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/23/19	12/23/19	1952073	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/23/19	12/23/19	1952073	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/23/19	12/23/19	1952073	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.52	0.40	10	mg/L	12/24/19	12/24/19	1952055	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L2081
Received: 12/23/19 18:30
Reported: 12/31/19

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

19L2081-05 (Water)

Sample Date: 12/23/19 9:58 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.2		N/A	mg/L	12/23/19	12/23/19	1952053	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	12/23/19	12/23/19	1952053	
pH (Field)	Field	8.66		N/A	pH Units	12/23/19	12/23/19	1952053	
Temperature (Field)	Field	16.9		N/A	°C	12/23/19	12/23/19	1952053	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
E. Coli	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/23/19	12/25/19	1952085	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/23/19	12/23/19	1952073	
Odor Threshold	EPA 140.1-M	1	1	3	TON	12/23/19	12/23/19	1952073	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/23/19	12/23/19	1952073	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/24/19	12/24/19	1952045	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19L2081-06 (Water)

Sample Date: 12/23/19 9:48 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.21		N/A	mg/L	12/23/19	12/23/19	1952053	
Cl Res Total (Field)	Field	1.68		N/A	mg/L	12/23/19	12/23/19	1952053	
pH (Field)	Field	8.66		N/A	pH Units	12/23/19	12/23/19	1952053	
Temperature (Field)	Field	17.1		N/A	°C	12/23/19	12/23/19	1952053	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
E. Coli	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/23/19	12/25/19	1952085	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.42	0.40	10	mg/L	12/24/19	12/24/19	1952045	
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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 December, 2019
Project Manager: Mark Andersen

Work Order: 19L2081
Received: 12/23/19 18:30
Reported: 12/31/19

2052 Dawn St (A Zone:1)

19L2081-07 (Water)

Sample Date: 12/23/19 9:22 Sampler: Not Listed

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

Cl Res Free (Field)	Field	0.19		N/A	mg/L	12/23/19	12/23/19	1952053	
Cl Res Total (Field)	Field	1.94		N/A	mg/L	12/23/19	12/23/19	1952053	
pH (Field)	Field	8.63		N/A	pH Units	12/23/19	12/23/19	1952053	
Temperature (Field)	Field	15.5		N/A	°C	12/23/19	12/23/19	1952053	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
E. Coli	SM 9223	A		N/A	P/A	12/23/19	12/24/19	1952061	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/23/19	12/25/19	1952085	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.40	0.40	10	mg/L	12/24/19	12/24/19	1952045	
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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.

7/2/7
Chain of Custody

1962081

Client		City of Lomita		System Number		Analysis Requested									
Address		24373 Walnut Avenue		1910073		Total Coliform / E. Coli, P-A / HPC General Physical Nitrate Comments: Analyzers used: 1. Free Chlorine - HACH, DR890. Calibration Date: Auto Calibrating DPD Reagent Exp.: 01-22 2. Total Chlorine - HACH, Pocket Colorimeter. Calibration date: Auto Calibrating DPD Reagent exp. date: May-21 3. pH and Temperature - HACH, HQ11d Calibration Date: 7-8-19									
		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 December, 2019		YES											
Comments				1088											
Sampled by															
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform / E. Coli, P-A / HPC	General Physical	Nitrate		
12/23/2019	0905	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	15.4	0.12	8.73	2.05	x	x			
12/23/2019	0855	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	15.6	0.16	8.57	2.00	x	x			
12/23/2019	0915	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	15.2	0.19	8.71	2.04	x	x			
12/23/2019	0940	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	16.0	0.13	8.64	1.79	x	x	x		
12/23/2019	0958	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	16.9	0.20	8.66	2.04	x	x	x		
12/23/2019	0918	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	17.1	0.21	8.66	1.68	x	x			
12/23/2019	0922	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	15.5	0.19	8.63	1.94	x	x			
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl															
(5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:															
Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist.															
Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special															
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (sign)									
Patrick McCue		Patrick McCue / City of Lomita		12/23/2019		[Signature]									
[Signature]		Amy YAM		12/23/19 6:50 AM		[Signature]									
Samples received: () On ice () Intact () Custody seals Temp 5.3 () F () C															
Shipped Via		<input type="checkbox"/> Fed X <input type="checkbox"/> Golden State <input type="checkbox"/> UPS <input type="checkbox"/> Client <input type="checkbox"/> Other													
Page 1 of 1															