

**CITY OF LOMITA
MONTHLY CHLORINE RESIDUAL SUMMARY**

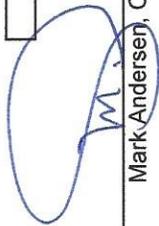
May-19

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

Average

2.28

SIGNATURE:



Mark Andersen, Chief Water Operations Manager

Jun-19

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	6/4/2019	9:45 AM	2.05	A	A	2
13-2 26314 S. Monte Via.	6/4/2019	9:35 AM	2.12	A	A	3
13-3 1948 W. 252nd St.	6/4/2019	9:55 AM	2.15	A	A	1
13-4 24632 S. Moon Ave.	6/4/2019	10:20 AM	2.08	A	A	1
13-5 2500 PCH	6/4/2019	10:45 AM	2.05	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	6/11/2019	8:00 AM	1.50	A	A	2
13-2 26314 S. Monte Via.	6/11/2019	7:50 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	6/11/2019	8:08 AM	2.12	A	A	1
13-4 24632 S. Moon Ave.	6/11/2019	8:18 AM	2.04	A	A	1
13-5 2500 PCH	6/11/2019	7:40 AM	2.05	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	6/18/2019	8:15 AM	2.07	A	A	2
13-2 26314 S. Monte Via.	6/18/2019	8:10 AM	2.12	A	A	3
13-3 1948 W. 252nd St.	6/18/2019	8:25 AM	1.99	A	A	1
13-4 24632 S. Moon Ave.	6/18/2019	8:35 AM	2.02	A	A	1
13-5 2500 PCH	6/18/2019	8:00 AM	1.96	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	6/25/2019	8:40 AM	2.04	A	A	2
13-2 26314 S. Monte Via.	6/25/2019	8:30 AM	2.07	A	A	3
13-3 1948 W. 252nd St.	6/25/2019	8:50 AM	2.14	A	A	1
13-4 24632 S. Moon Ave.	6/25/2019	9:05 AM	1.82	A	A	1
13-5 2500 PCH	6/25/2019	9:25 AM	1.93	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.						2
13-2 26314 S. Monte Via.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						2

Average

2.03

DATE:

7/10/2019

**CITY OF LOMITA
PUBLIC WORKS DEPARTMENT**

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

SYSTEM NO: **1910073**

MONTH: **JUNE**

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						
TOTAL	1	1	1	1	1	0						

STANDBY

NOT TAKEN

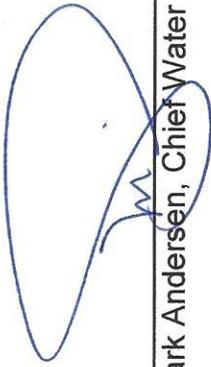
OFFLINE

1 pos - 1 neg.

1
NEG

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: 7/10/2019

**CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY**

May-19

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

DATE:

7/10/2019

Jun-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	6/4/2019	9:45 AM	ND	1	ND	8.85	2
13-2 26314 S. Monte Via.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	6/4/2019	10:20 AM	ND	1	ND	8.78	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Via.							3
13-3 1948 W. 252nd St.	6/11/2019	8:08 AM	ND	1	ND	8.81	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	6/11/2019	7:40 AM	ND	1	ND	8.82	2
Location							Zone
13-1 1912 W. 259th Pl.	6/18/2019	8:15am	ND	1	ND	8.92	2
13-2 26314 S. Monte Via.							3
13-3 1948 W. 252nd St.	6/18/2019	8:25am	ND	1	ND	8.88	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	6/25/2019	8:40 AM	ND	1	ND	8.92	2
13-2 26314 S. Monte Via.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	6/25/2019	9:25 AM	ND	1	ND	8.85	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Via.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

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

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Chlorine	Free Chlorine	Total Ammonia	Free Ammonia	Nitrite	Nitrate	Coliform ²	HPC	Zone	Comments
		Units/Others		MM/DD/YYYY	°C		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	P/A	CFU/ml		
1	D	S13-003	1948 W 252nd St	6/4/2019	18.4	8.82	2.15	0.02	0.5	0.04	0.01	0.43	A	ND	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	6/4/2019	20.2	8.78	2.08	0.03	0.32	0.11	0.007	0.44	A	ND	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	6/4/2019	21.6	8.71	1.74	0.03	0.42	0.08	0.01	0.5	A	6	1	WELL/MWD blend
4	D	A	2052 Dawn St	6/4/2019	21.0	8.78	1.77	0.02	0.45	0.09	0.009	0.44	A	130	1	WELL/MWD blend
5	D		Reservoir	6/4/2019											1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	6/4/2019	18.6	8.85	2.05	0.03	0.5	0.13	0.011	0.43	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	6/4/2019	17.6	8.85	2.12	0.04	0.48	0.05	0.01	0.43	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	6/4/2019	20.4	8.82	2.05	0.05	0.46	0.07	0.009	0.43	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	6/11/2019	19.6	8.81	2.12	0.04	0.49	0	0.011	0.47	A	ND	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	6/11/2019	20.5	8.81	2.04	0.06	0.39	0.02	0.008	0.47	A	ND	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	6/11/2019	23.0	8.79	1.59	0.04	0.45	0.03	0.011	0.5	A	2	1	WELL/MWD blend
4	D	A	2052 Dawn St	6/11/2019	24.5	8.74	1.6	0.02	0.45	0.02	0.009	0.47	A	39	1	WELL/MWD blend
5	D		Reservoir	6/11/2019											1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	6/11/2019	20.0	8.86	1.5	0.04	0.5	0.03	0.008	0.47	A	3	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	6/11/2019	19.1	8.86	2.2	0.05	0.42	0.01	0.008	0.47	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	6/11/2019	21.3	8.82	2.05	0.03	0.44	0.05	0.009	0.46	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	6/18/2019	20.2	8.88	1.99	0.04	0.42	0.09	0.006	0.44	A	2	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	6/18/2019	21.2	8.81	2.02	0.05	0.35	0.09	0.011	0.44	A	1	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	6/18/2019	21.5	8.84	1.78	0.05	0.42	0.11	0.007	0.48	A	ND	1	WELL/MWD blend
4	D	A	2052 Dawn St	6/18/2019	22.8	8.61	1.38	0.03	0.45	0.11	0.008	0.48	A	100	1	WELL/MWD blend
5	D		Reservoir	6/18/2019											1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	6/18/2019	19.9	8.92	2.07	0.04	0.51	0.05	0.007	0.44	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	6/18/2019	19.5	8.92	2.12	0.04	0.43	0.06	0.005	0.44	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	6/18/2019	20.7	8.83	1.96	0.04	0.45	0.08	0.005	0.47	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	6/25/2019	21.0	8.91	2.14	0.02	0.43	0.06	0.008	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	6/25/2019	22.4	8.82	1.82	0.03	0.32	0.09	0.008	ND	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	6/25/2019	22.8	8.74	0.89	0.04	0.26	0.09	0.018	0.59	A	6	1	Well/MWD Blend
4	D	A	2052 Dawn St	6/25/2019	22.2	8.84	2.04	0.03	0.5	0.12	0.007	ND	A	60	1	Well/MWD Blend
5	D		Reservoir	6/25/2019											1	Well/MWD Blend
6	D	S13-001	1912 W 259th Pl	6/25/2019	21.2	0.04	8.92	2.04	0.53	0.08	0.008	0.4	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	6/25/2019	20.8	0.04	8.83	0.04	0.43	0.08	0.007	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	6/25/2019	21.6	0.07	8.85	0.07	0.41	0.08	0.01	0.41	A	ND	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												1	
7	D	S13-002	26314 S Monte Vista Ave												2	
8	D	S13-005	2500 PCH												3	

¹Notes: 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).

²Coliform results are part of weekly Bacti sampling results.

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

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

⁵Attached: field test log for total ammonia, free ammonia, and Nitrite.

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

#	Code	Sample ID	Location	Sample Date	Temp °C	pH	Total Chlorine mg/L	Free Chlorine mg/L	Total Ammonia mg/L	Free Ammonia mg/L	Nitrite mg/L	Nitrate mg/L	Coliform ² P/A	HPC CFU/ml	Zone	Comments
1	D	S13-003	1948 W 252nd St	6/4/2019	18.4				0.5	0.4	0.10				1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	6/4/2019					0.52	0.11	0.07				1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	6/4/2019					0.42	0.08	0.10				1	WELL/MWD blend
4	D	A	2052 Dawn St	6/4/2019					0.45	0.09	0.09				1	WELL/MWD blend
5	D		Reservoir	6/4/2019							0.01				1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	6/4/2019					0.50	0.13	0.11				2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	6/4/2019					0.48	0.15	0.10				3	MWD Only
8	D	S13-005	2500 PCH	6/4/2019					0.46	0.07	0.09				2	MWD Only

1	D	S13-003	1948 W 252nd St	6-11					0.49	0	0.11				1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave						0.39	0.02	0.06				1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave						0.45	0.08	0.11				1	WELL/MWD blend
4	D	A	2052 Dawn St						0.45	0.02	0.08				1	WELL/MWD blend
5	D		Reservoir												1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl						0.50	0.03	0.06				1	WELL/MWD blend
7	D	S13-002	26314 S Monte Vista Ave						0.42	0.01	0.08				2	MWD Only
8	D	S13-005	2500 PCH						0.44	0.05	0.09				3	MWD Only

1	D	S13-003	1948 W 252nd St	6-18					0.42	0.09	0.06				1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave						0.35	0.09	0.11				1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave						0.42	0.11	0.07				1	WELL/MWD blend
4	D	A	2052 Dawn St						0.45	0.11	0.08				1	WELL/MWD blend
5	D		Reservoir												1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl						0.51	0.05	0.07				2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave						0.47	0.06	0.05				3	MWD Only
8	D	S13-005	2500 PCH						0.45	0.08	0.06				2	MWD Only

1	D	S13-003	1948 W 252nd St	6-25					0.02	0.06	0.06				1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave						0.03	0.09	0.08				1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave						0.04	0.09	0.16				1	Well/MWD Blend
4	D	A	2052 Dawn St						0.03	0.12	0.07				1	Well/MWD Blend
5	D		Reservoir												1	Well/MWD Blend
6	D	S13-001	1912 W 259th Pl						0.04	0.08	0.08				2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave						0.04	0.08	0.07				3	MWD Only
8	D	S13-005	2500 PCH						0.07	0.08	0.10				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												1	
7	D	S13-002	26314 S Monte Vista Ave												2	
8	D	S13-005	2500 PCH												3	

¹Notes: 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).

²Coliform results are part of weekly Bacti sampling results.

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

System Name: CITY OF LOMITA System No.: 1910073

Calendar Year: 2019 Quarter: 2nd

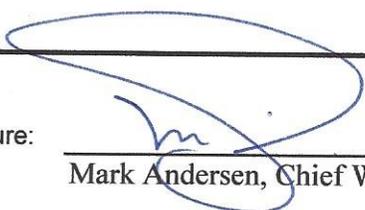
1st Quarter			
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Year	April	2.47	
	May	2.82	
	June	2.76	
	July	2.57	
	August	2.57	
	September	2.61	
	October	2.52	
	November	2.58	
	December	2.38	
	Current Year	January	25
		February	20
		March	20
Running Annual Average (RAA):		2.51	
Meets standard? (i.e. RAA ≤ 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 ≤ 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):		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input 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	
	August	
	September	
	October	
	November	
	December	
Running Annual Average (RAA):		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input type="checkbox"/> Yes <input type="checkbox"/> No

Comments:

Signature:  _____
Mark Andersen, Chief Water Operations Manager

Date: 7/10/2019

STAGE 2 DISINFECTION BYPRODUCT RULE
TOTAL TRIHALOMETHANE (TTHM)
2ND 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>7/10/18, 8/14/18, 9/11/18</i>	<i>10/16/18, 11/13/18, 12/11/18</i>	<i>1/16/19, 2/22/19, 3/22/19</i>	<i>4/09/19, 5/07/19, 6/04/19</i>					
<i>S13-011 (13SM1) 26255 Appian Way, Lomita Z2</i>	20.6	22.5	24.3	15.5	20.7	Y	19.5	N	
<i>S13-001 (13SM2) 1912 259th Pl., Lomita Z2</i>	20.3	23.7	25.1	19.5	22.2	Y	22.0	N	
<i>S13-003 (13-3) 1948 252nd St., Lomita Z1</i>	51.7	64.7	62.0	45.4	56.0	Y	54.4	N	
<i>S13-008 (13SM4) 2450 West 247th St., Lomita Z1</i>	50.7	66.0	61.2	40.2	54.5	Y	51.9	N	

Comments: MP4 results for the Second Quarter 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 Anderson, Chief Water Operations Manager

Date 7/10/2019

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.



11 June 2019

Clinical Lab No.: 19F0214

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 06/04/19. 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,

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

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19F0214
	Sub Project: Weekly Dist. Samples: 1st Week of June, 2019	Received: 06/04/19 16:56
	Project Manager: Mark Andersen	Reported: 06/11/19

1912 W. 259th St. (S13-001 Zone: 2) 19F0214-01 (Water) Sample Date: 06/04/19 9:45 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.03		N/A	mg/L	06/04/19	06/04/19	1923103	
Cl Res Total (Field)	Field	2.05		N/A	mg/L	06/04/19	06/04/19	1923103	
pH (Field)	Field	8.85		N/A	pH Units	06/04/19	06/04/19	1923103	
Temperature (Field)	Field	18.6		N/A	°C	06/04/19	06/04/19	1923103	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
E. Coli	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/04/19	06/06/19	1923142	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/04/19	06/04/19	1923096	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/04/19	06/04/19	1923096	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/04/19	06/04/19	1923096	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	06/05/19	06/05/19	1923074	
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26314 Monte Vista (S13-002 Zone:3) 19F0214-02 (Water) Sample Date: 06/04/19 9:35 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/04/19	06/04/19	1923103	
Cl Res Total (Field)	Field	2.12		N/A	mg/L	06/04/19	06/04/19	1923103	
pH (Field)	Field	8.85		N/A	pH Units	06/04/19	06/04/19	1923103	
Temperature (Field)	Field	17.6		N/A	°C	06/04/19	06/04/19	1923103	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
E. Coli	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/04/19	06/06/19	1923142	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	06/05/19	06/05/19	1923074	
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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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F0214
Received: 06/04/19 16:56
Reported: 06/11/19

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

19F0214-03 (Water)

Sample Date: 06/04/19 9:55 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.02		N/A	mg/L	06/04/19	06/04/19	1923103	
Cl Res Total (Field)	Field	2.15		N/A	mg/L	06/04/19	06/04/19	1923103	
pH (Field)	Field	8.82		N/A	pH Units	06/04/19	06/04/19	1923103	
Temperature (Field)	Field	18.4		N/A	°C	06/04/19	06/04/19	1923103	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
E. Coli	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/04/19	06/06/19	1923142	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	06/05/19	06/05/19	1923074	
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24632 S. Moon Ave. (S13-004 Zone:1)

19F0214-04 (Water)

Sample Date: 06/04/19 10:20 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.03		N/A	mg/L	06/04/19	06/04/19	1923103	
Cl Res Total (Field)	Field	2.08		N/A	mg/L	06/04/19	06/04/19	1923103	
pH (Field)	Field	8.78		N/A	pH Units	06/04/19	06/04/19	1923103	
Temperature (Field)	Field	20.2		N/A	°C	06/04/19	06/04/19	1923103	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
E. Coli	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/04/19	06/06/19	1923142	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/04/19	06/04/19	1923096	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/04/19	06/04/19	1923096	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/04/19	06/04/19	1923096	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	06/05/19	06/05/19	1923074	
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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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F0214
Received: 06/04/19 16:56
Reported: 06/11/19

2052 Dawn St (A Zone:1)

19F0214-07 (Water)

Sample Date: 06/04/19 10:05 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.02		N/A	mg/L	06/04/19	06/04/19	1923103	
Cl Res Total (Field)	Field	1.77		N/A	mg/L	06/04/19	06/04/19	1923103	
pH (Field)	Field	8.78		N/A	pH Units	06/04/19	06/04/19	1923103	
Temperature (Field)	Field	21		N/A	°C	06/04/19	06/04/19	1923103	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
E. Coli	SM 9223	A		N/A	P/A	06/04/19	06/05/19	1923105	
Plate Count	SM9215B	130	1	500	CFU/ml	06/04/19	06/06/19	1923142	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	06/05/19	06/05/19	1923074	
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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

19F0214

Chain of Custody

7/2/17

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita		System Number		Analysis Requested				
Address		24373 Walnut Avenue		1910073		General Physical				
Phone #		Lomita, CA 91717		Destination Laboratory		Total Coliform / E. Coli, P-A / HPC				
Fax #		(310)903-2243		[X] Clinical Laboratory		Nitrate				
Project		Standard Analysis		RWQCB Compliance						
Sub Project		Weekly Distribution Samples: 1st Week of June, 2019		YES						
Comments		P.M.		1088						
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine
6/4/2019	0945	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	18.6°	0.03	8.85	2.05
6/4/2019	0935	26314 Monte Vista (S13-002 Zone: 3)	DW	1,7	ID	2	17.6°	0.04	8.85	2.12
6/4/2019	0955	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	18.4°	0.02	8.82	2.15
6/4/2019	1020	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	20.2°	0.03	8.78	2.08
6/4/2019	1045	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	20.4°	0.05	8.82	2.05
6/4/2019	1040	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	21.6°	0.03	8.71	1.74
6/4/2019	1005	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	21.0°	0.02	8.78	1.77

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

Preservatives: (1) Na₂S₂O₃, (2) HCl (3) HNO₃, (4) NH₄Cl
(5) H₂SO₄, (6) Na₂SO₃, (7) Cold, (8) Other:

Print Name / Company: Patrick McCue / City of Lomita
Date: 6/4/2019 137
Signature: [Signature] 456
Signature: [Signature] 456

Shipped Via: [] Fed X [] Golden State [] UPS [] Client [] Other
Samples received: (X) On ice (X) Intact () Custody seals Temp 5.0 () F () C
Page 1 of 1

Clinical Laboratory of San Bernardino, Inc.



17 June 2019

Clinical Lab No.: 19F0944

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 06/11/19. 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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F0944
Received: 06/11/19 17:37
Reported: 06/17/19

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

19F0944-01 (Water)

Sample Date: 06/11/19 8:00 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/11/19	06/11/19	1924115	
Cl Res Total (Field)	Field	1.5		N/A	mg/L	06/11/19	06/11/19	1924115	
pH (Field)	Field	8.86		N/A	pH Units	06/11/19	06/11/19	1924115	
Temperature (Field)	Field	20		N/A	°C	06/11/19	06/11/19	1924115	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
E. Coli	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
Plate Count	SM9215B	3	1	500	CFU/ml	06/11/19	06/13/19	1924144	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	06/12/19	06/12/19	1924088	
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26314 Monte Vista (S13-002 Zone:3)

19F0944-02 (Water)

Sample Date: 06/11/19 7:50 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.05		N/A	mg/L	06/11/19	06/11/19	1924115	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	06/11/19	06/11/19	1924115	
pH (Field)	Field	8.86		N/A	pH Units	06/11/19	06/11/19	1924115	
Temperature (Field)	Field	19.1		N/A	°C	06/11/19	06/11/19	1924115	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
E. Coli	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/11/19	06/13/19	1924144	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	06/12/19	06/12/19	1924088	
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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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F0944
Received: 06/11/19 17:37
Reported: 06/17/19

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

19F0944-03 (Water)

Sample Date: 06/11/19 8:08 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/11/19	06/11/19	1924115	
Cl Res Total (Field)	Field	2.12		N/A	mg/L	06/11/19	06/11/19	1924115	
pH (Field)	Field	8.81		N/A	pH Units	06/11/19	06/11/19	1924115	
Temperature (Field)	Field	19.6		N/A	°C	06/11/19	06/11/19	1924115	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
E. Coli	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/11/19	06/13/19	1924144	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/11/19	06/11/19	1924113	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/11/19	06/11/19	1924113	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/11/19	06/11/19	1924113	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	06/12/19	06/12/19	1924088	
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24632 S. Moon Ave. (S13-004 Zone:1)

19F0944-04 (Water)

Sample Date: 06/11/19 8:18 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	06/11/19	06/11/19	1924115	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	06/11/19	06/11/19	1924115	
pH (Field)	Field	8.81		N/A	pH Units	06/11/19	06/11/19	1924115	
Temperature (Field)	Field	20.5		N/A	°C	06/11/19	06/11/19	1924115	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
E. Coli	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/11/19	06/13/19	1924144	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	06/12/19	06/12/19	1924088	
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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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F0944
Received: 06/11/19 17:37
Reported: 06/17/19

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

19F0944-05 (Water)

Sample Date: 06/11/19 7:40 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.03		N/A	mg/L	06/11/19	06/11/19	1924115	
Cl Res Total (Field)	Field	2.05		N/A	mg/L	06/11/19	06/11/19	1924115	
pH (Field)	Field	8.82		N/A	pH Units	06/11/19	06/11/19	1924115	
Temperature (Field)	Field	21.3		N/A	°C	06/11/19	06/11/19	1924115	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
E. Coli	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/11/19	06/13/19	1924144	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/11/19	06/11/19	1924113	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/11/19	06/11/19	1924113	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/11/19	06/11/19	1924113	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.46	0.40	10	mg/L	06/12/19	06/12/19	1924088	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19F0944-06 (Water)

Sample Date: 06/11/19 7:30 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/11/19	06/11/19	1924115	
Cl Res Total (Field)	Field	1.59		N/A	mg/L	06/11/19	06/11/19	1924115	
pH (Field)	Field	8.79		N/A	pH Units	06/11/19	06/11/19	1924115	
Temperature (Field)	Field	23		N/A	°C	06/11/19	06/11/19	1924115	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
E. Coli	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
Plate Count	SM9215B	2	1	500	CFU/ml	06/11/19	06/13/19	1924144	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.50	0.40	10	mg/L	06/12/19	06/12/19	1924088	
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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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F0944
Received: 06/11/19 17:37
Reported: 06/17/19

2052 Dawn St (A Zone:1)

19F0944-07 (Water)

Sample Date: 06/11/19 8:29 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.02		N/A	mg/L	06/11/19	06/11/19	1924115	
Cl Res Total (Field)	Field	1.6		N/A	mg/L	06/11/19	06/11/19	1924115	
pH (Field)	Field	8.74		N/A	pH Units	06/11/19	06/11/19	1924115	
Temperature (Field)	Field	24.5		N/A	°C	06/11/19	06/11/19	1924115	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
E. Coli	SM 9223	A		N/A	P/A	06/11/19	06/12/19	1924108	
Plate Count	SM9215B	39	1	500	CFU/ml	06/11/19	06/13/19	1924144	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	06/12/19	06/12/19	1924088	

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

19 F0944
Chain of Custody
7/2/17

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita		System Number		Analysis Requested					
Address		24373 Walnut Avenue		1910073		General Physical					
Phone #		Lomita, CA 91717		Destination Laboratory		Total Coliform / E. Coli, P-A / HPC					
Fax #		(310)903-2243		[X] Clinical Laboratory		Nitrate					
Project		Standard Analysis		RWQCB Compliance							
Sub Project		Weekly Distribution Samples: 2nd Week of June, 2019		YES							
Comments				1088							
Sampled by		P.M.									
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	
6/11/2019	0800	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	20.0	0.04	8.86	1.50	
6/11/2019	0750	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	19.1	0.05	8.86	2.20	
6/11/2019	0808	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	19.6	0.04	8.81	2.12	
6/11/2019	0818	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	20.5	0.06	8.81	2.04	
6/11/2019	0740	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	21.3	0.03	8.82	2.05	
6/11/2019	0730	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	23.0	0.04	8.79	1.59	
6/11/2019	8.29	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	24.5	0.02	8.74	1.60	
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:											
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)					
<i>Patrick McCabe</i>		Patrick McCue / City of Lomita		6/11/2019		<i>Patrick McCabe</i>					
<i>W. Morgan</i>		<i>Olivero / USB</i>		5		2:40		5:57		<i>Olivero / USB</i>	
Shipped Via		Samples received: (X) On ice (X) Intact		Custody seals Temp		64		() F () C			
Fed X		Golden State		UPS		Client		Other		Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



24 June 2019

Clinical Lab No.: 19F1519

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 06/18/19. 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 June, 2019 Project Manager: Mark Andersen	Work Order: 19F1519 Received: 06/18/19 17:04 Reported: 06/24/19
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1912 W. 259th St. (S13-001 Zone: 2) **19F1519-01 (Water)** **Sample Date:** 06/18/19 8:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.03		N/A	mg/L	06/18/19	06/18/19	1925120	
Cl Res Total (Field)	Field	2.07		N/A	mg/L	06/18/19	06/18/19	1925120	
pH (Field)	Field	8.92		N/A	pH Units	06/18/19	06/18/19	1925120	
Temperature (Field)	Field	19.9		N/A	°C	06/18/19	06/18/19	1925120	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
E. Coli	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/18/19	06/20/19	1925138	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/18/19	06/18/19	1925096	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/18/19	06/18/19	1925096	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/18/19	06/18/19	1925096	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	06/18/19	06/18/19	1925036	

26314 Monte Vista (S13-002 Zone:3) **19F1519-02 (Water)** **Sample Date:** 06/18/19 8:10 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/18/19	06/18/19	1925120	
Cl Res Total (Field)	Field	2.12		N/A	mg/L	06/18/19	06/18/19	1925120	
pH (Field)	Field	8.92		N/A	pH Units	06/18/19	06/18/19	1925120	
Temperature (Field)	Field	19.5		N/A	°C	06/18/19	06/18/19	1925120	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
E. Coli	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/18/19	06/20/19	1925138	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/18/19	06/18/19	1925096	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/18/19	06/18/19	1925096	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/18/19	06/18/19	1925096	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	06/18/19	06/18/19	1925036	

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 June, 2019 Project Manager: Mark Andersen	Work Order: 19F1519 Received: 06/18/19 17:04 Reported: 06/24/19
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1948 W. 252nd St. (S13-003 Zone: 1) 19F1519-03 (Water) Sample Date: 06/18/19 8:25 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/18/19	06/18/19	1925120	
Cl Res Total (Field)	Field	1.99		N/A	mg/L	06/18/19	06/18/19	1925120	
pH (Field)	Field	8.88		N/A	pH Units	06/18/19	06/18/19	1925120	
Temperature (Field)	Field	20.2		N/A	°C	06/18/19	06/18/19	1925120	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
E. Coli	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
Plate Count	SM9215B	2	1	500	CFU/ml	06/18/19	06/20/19	1925138	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/18/19	06/18/19	1925096	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/18/19	06/18/19	1925096	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/18/19	06/18/19	1925096	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	06/18/19	06/18/19	1925036	

24632 S. Moon Ave. (S13-004 Zone:1) 19F1519-04 (Water) Sample Date: 06/18/19 8:35 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.05		N/A	mg/L	06/18/19	06/18/19	1925120	
Cl Res Total (Field)	Field	2.02		N/A	mg/L	06/18/19	06/18/19	1925120	
pH (Field)	Field	8.81		N/A	pH Units	06/18/19	06/18/19	1925120	
Temperature (Field)	Field	21.2		N/A	°C	06/18/19	06/18/19	1925120	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
E. Coli	SM 9223	A		N/A	P/A	06/18/19	06/19/19	1925101	
Plate Count	SM9215B	1	1	500	CFU/ml	06/18/19	06/20/19	1925138	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/18/19	06/18/19	1925096	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/18/19	06/18/19	1925096	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/18/19	06/18/19	1925096	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	06/18/19	06/18/19	1925036	

Clinical Laboratory of San Bernardino, Inc.



30 June 2019

Clinical Lab No.: 19F2047

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 06/25/19. 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 June, 2019 Project Manager: Mark Andersen	Work Order: 19F2047 Received: 06/25/19 15:50 Reported: 06/30/19
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1912 W. 259th St. (S13-001 Zone: 2) 19F2047-01 (Water) Sample Date: 06/25/19 8:40 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/25/19	06/25/19	1926080	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	06/25/19	06/25/19	1926080	
pH (Field)	Field	8.92		N/A	pH Units	06/25/19	06/25/19	1926080	
Temperature (Field)	Field	21.2		N/A	°C	06/25/19	06/25/19	1926080	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
E. Coli	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/25/19	06/27/19	1926138	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/25/19	06/25/19	1926114	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/25/19	06/25/19	1926114	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/25/19	06/25/19	1926114	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.40	0.40	10	mg/L	06/25/19	06/26/19	1926056	
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26314 Monte Vista (S13-002 Zone:3) 19F2047-02 (Water) Sample Date: 06/25/19 8:30 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/25/19	06/25/19	1926080	
Cl Res Total (Field)	Field	2.07		N/A	mg/L	06/25/19	06/25/19	1926080	
pH (Field)	Field	8.83		N/A	pH Units	06/25/19	06/25/19	1926080	
Temperature (Field)	Field	20.8		N/A	°C	06/25/19	06/25/19	1926080	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
E. Coli	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/25/19	06/27/19	1926138	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	06/25/19	06/26/19	1926056	
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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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F2047
Received: 06/25/19 15:50
Reported: 06/30/19

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

19F2047-03 (Water)

Sample Date: 06/25/19 8:50 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.02		N/A	mg/L	06/25/19	06/25/19	1926080	
Cl Res Total (Field)	Field	2.14		N/A	mg/L	06/25/19	06/25/19	1926080	
pH (Field)	Field	8.91		N/A	pH Units	06/25/19	06/25/19	1926080	
Temperature (Field)	Field	21		N/A	°C	06/25/19	06/25/19	1926080	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
E. Coli	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/25/19	06/27/19	1926138	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	06/25/19	06/26/19	1926056	
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24632 S. Moon Ave. (S13-004 Zone:1)

19F2047-04 (Water)

Sample Date: 06/25/19 9:05 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.03		N/A	mg/L	06/25/19	06/25/19	1926080	
Cl Res Total (Field)	Field	1.82		N/A	mg/L	06/25/19	06/25/19	1926080	
pH (Field)	Field	8.82		N/A	pH Units	06/25/19	06/25/19	1926080	
Temperature (Field)	Field	22.4		N/A	°C	06/25/19	06/25/19	1926080	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
E. Coli	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/25/19	06/27/19	1926138	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	06/25/19	06/26/19	1926056	
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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 June, 2019
Project Manager: Mark Andersen

Work Order: 19F2047
Received: 06/25/19 15:50
Reported: 06/30/19

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

19F2047-05 (Water)

Sample Date: 06/25/19 9:25 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.07		N/A	mg/L	06/25/19	06/25/19	1926080	
Cl Res Total (Field)	Field	1.93		N/A	mg/L	06/25/19	06/25/19	1926080	
pH (Field)	Field	8.85		N/A	pH Units	06/25/19	06/25/19	1926080	
Temperature (Field)	Field	21.6		N/A	°C	06/25/19	06/25/19	1926080	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
E. Coli	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
Plate Count	SM9215B	ND	1	500	CFU/ml	06/25/19	06/27/19	1926138	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	06/25/19	06/25/19	1926114	
Odor Threshold	EPA 140.1-M	1	1	3	TON	06/25/19	06/25/19	1926114	
Turbidity	EPA 180.1	ND	0.1	5	NTU	06/25/19	06/25/19	1926114	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.41	0.40	10	mg/L	06/25/19	06/26/19	1926056	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19F2047-06 (Water)

Sample Date: 06/25/19 9:15 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	06/25/19	06/25/19	1926080	
Cl Res Total (Field)	Field	0.89		N/A	mg/L	06/25/19	06/25/19	1926080	
pH (Field)	Field	8.74		N/A	pH Units	06/25/19	06/25/19	1926080	
Temperature (Field)	Field	22.8		N/A	°C	06/25/19	06/25/19	1926080	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
E. Coli	SM 9223	A		N/A	P/A	06/25/19	06/26/19	1926104	
Plate Count	SM9215B	6	1	500	CFU/ml	06/25/19	06/27/19	1926138	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.59	0.40	10	mg/L	06/25/19	06/26/19	1926056	
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Clinical Laboratory of San Bernardino, Inc.



19 April 2019

Clinical Lab No.: 19D0949

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of April 2019

Enclosed are the results of the analyses for samples received at the laboratory on 04/09/19. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19D0949
	Sub Project: TTHM/HAA 2nd Week of April 2019	Received: 04/09/19 18:22
	Project Manager: Mark Andersen	Reported: 04/19/19

1912 W. 259th Pl 19D0949-01 (Water) Sample Date: 04/09/19 8:00 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	2.01		N/A	mg/L	04/09/19	04/09/19	1915112	
pH (Field)	Field	8.83		N/A	pH Units	04/09/19	04/09/19	1915112	
Temperature (Field)	Field	17.1		N/A	°C	04/09/19	04/09/19	1915112	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	2.7	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Bromoform	EPA 524.2	5.4	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Chloroform (Trichloromethane)	EPA 524.2	1.4	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Dibromochloromethane	EPA 524.2	5.5	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Total Trihalomethanes (TTHM)	EPA 524.2	15.0	1.0	80	ug/L	04/18/19	04/18/19	1916114	
Surrogate: Bromofluorobenzene	EPA 524.2	90 %				04/18/19	04/18/19	1916114	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	90 %				04/18/19	04/18/19	1916114	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.9	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Dichloroacetic Acid	EPA 552.2	1.9	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.8	1.0	60	ug/L	04/12/19	04/12/19	1915131	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	98 %				04/12/19	04/12/19	1915131	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19D0949
	Sub Project: TTHM/HAA 2nd Week of April 2019	Received: 04/09/19 18:22
	Project Manager: Mark Andersen	Reported: 04/19/19

1948 252nd St. 19D0949-02 (Water) Sample Date: 04/09/19 8:10 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	3.2		N/A	mg/L	04/09/19	04/09/19	1915112	
pH (Field)	Field	8.11		N/A	pH Units	04/09/19	04/09/19	1915112	
Temperature (Field)	Field	19.4		N/A	°C	04/09/19	04/09/19	1915112	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	11.1	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Bromoform	EPA 524.2	15.0	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Chloroform (Trichloromethane)	EPA 524.2	3.8	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Dibromochloromethane	EPA 524.2	19.7	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Total Trihalomethanes (TTHM)	EPA 524.2	49.6	1.0	80	ug/L	04/18/19	04/18/19	1916114	
Surrogate: Bromofluorobenzene	EPA 524.2	97 %				04/18/19	04/18/19	1916114	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	91 %				04/18/19	04/18/19	1916114	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	7.3	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Dichloroacetic Acid	EPA 552.2	2.9	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Trichloroacetic Acid	EPA 552.2	1.2	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Total Haloacetic Acids (HAAs)	EPA 552.2	11.4	1.0	60	ug/L	04/12/19	04/12/19	1915131	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	105 %				04/12/19	04/12/19	1915131	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19D0949
	Sub Project: TTHM/HAA 2nd Week of April 2019	Received: 04/09/19 18:22
	Project Manager: Mark Andersen	Reported: 04/19/19

2450 W. 247th St. 19D0949-03 (Water) Sample Date: 04/09/19 8:45 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	1.62		N/A	mg/L	04/09/19	04/09/19	1915112	
pH (Field)	Field	8.04		N/A	pH Units	04/09/19	04/09/19	1915112	
Temperature (Field)	Field	20.7		N/A	°C	04/09/19	04/09/19	1915112	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	11.1	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Bromoform	EPA 524.2	14.9	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Chloroform (Trichloromethane)	EPA 524.2	3.7	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Dibromochloromethane	EPA 524.2	19.9	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Total Trihalomethanes (TTHM)	EPA 524.2	49.6	1.0	80	ug/L	04/18/19	04/18/19	1916114	
Surrogate: Bromofluorobenzene	EPA 524.2	89 %				04/18/19	04/18/19	1916114	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	86 %				04/18/19	04/18/19	1916114	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	6.7	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Dichloroacetic Acid	EPA 552.2	2.5	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Trichloroacetic Acid	EPA 552.2	1.1	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Total Haloacetic Acids (HAA5)	EPA 552.2	10.3	1.0	60	ug/L	04/12/19	04/12/19	1915131	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	94 %				04/12/19	04/12/19	1915131	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19D0949
	Sub Project: TTHM/HAA 2nd Week of April 2019	Received: 04/09/19 18:22
	Project Manager: Mark Andersen	Reported: 04/19/19

26255 Appian Way 19D0949-04 (Water) Sample Date: 04/09/19 7:45 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	2.15		N/A	mg/L	04/09/19	04/09/19	1915112	
pH (Field)	Field	8.77		N/A	pH Units	04/09/19	04/09/19	1915112	
Temperature (Field)	Field	18.5		N/A	°C	04/09/19	04/09/19	1915112	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	2.1	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Bromoform	EPA 524.2	4.8	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Chloroform (Trichloromethane)	EPA 524.2	1.0	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Dibromochloromethane	EPA 524.2	4.6	1.0	N/A	ug/L	04/18/19	04/18/19	1916114	
Total Trihalomethanes (TTHM)	EPA 524.2	12.5	1.0	80	ug/L	04/18/19	04/18/19	1916114	
Surrogate: Bromofluorobenzene	EPA 524.2	90 %				04/18/19	04/18/19	1916114	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	88 %				04/18/19	04/18/19	1916114	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	3.2	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Dichloroacetic Acid	EPA 552.2	1.7	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	04/12/19	04/12/19	1915131	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.9	1.0	60	ug/L	04/12/19	04/12/19	1915131	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	98 %				04/12/19	04/12/19	1915131	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19D0949
 Report Date: 04/19/2019
 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: 190409 07:45	
BROMODICHLORMETHANE (THM)	Result: 2.1	Units: UG/L	Entry No.: 32101	Analyzed: 190418
BROMOFORM (THM)	Result: 4.8	Units: UG/L	Entry No.: 32104	Analyzed: 190418
DIBROMOCHLOROMETHANE (THM)	Result: 4.6	Units: UG/L	Entry No.: 32105	Analyzed: 190418
CHLOROFORM (THM)	Result: 1.0	Units: UG/L	Entry No.: 32106	Analyzed: 190418
DICHLOROACETIC ACID (DCAA)	Result: 1.7	Units: UG/L	Entry No.: 77288	Analyzed: 190412
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 12.5	Units: UG/L	Entry No.: 82080	Analyzed: 190418
DIBROMOACETIC ACID (DBAA)	Result: 3.2	Units: UG/L	Entry No.: 82721	Analyzed: 190412
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 190412
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190412
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190412
HALOACETIC ACIDS (five) (HAA5)	Result: 4.9	Units: UG/L	Entry No.: A-049	Analyzed: 190412
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 190409 08:00	
BROMODICHLORMETHANE (THM)	Result: 2.7	Units: UG/L	Entry No.: 32101	Analyzed: 190418
BROMOFORM (THM)	Result: 5.4	Units: UG/L	Entry No.: 32104	Analyzed: 190418
DIBROMOCHLOROMETHANE (THM)	Result: 5.5	Units: UG/L	Entry No.: 32105	Analyzed: 190418
CHLOROFORM (THM)	Result: 1.4	Units: UG/L	Entry No.: 32106	Analyzed: 190418
DICHLOROACETIC ACID (DCAA)	Result: 1.9	Units: UG/L	Entry No.: 77288	Analyzed: 190412
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 15.0	Units: UG/L	Entry No.: 82080	Analyzed: 190418
DIBROMOACETIC ACID (DBAA)	Result: 2.9	Units: UG/L	Entry No.: 82721	Analyzed: 190412
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 190412
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190412
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190412
HALOACETIC ACIDS (five) (HAA5)	Result: 4.8	Units: UG/L	Entry No.: A-049	Analyzed: 190412
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 190409 08:10	
BROMODICHLORMETHANE (THM)	Result: 11.1	Units: UG/L	Entry No.: 32101	Analyzed: 190418
BROMOFORM (THM)	Result: 15.0	Units: UG/L	Entry No.: 32104	Analyzed: 190418
DIBROMOCHLOROMETHANE (THM)	Result: 19.7	Units: UG/L	Entry No.: 32105	Analyzed: 190418
CHLOROFORM (THM)	Result: 3.8	Units: UG/L	Entry No.: 32106	Analyzed: 190418
DICHLOROACETIC ACID (DCAA)	Result: 2.9	Units: UG/L	Entry No.: 77288	Analyzed: 190412
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 49.6	Units: UG/L	Entry No.: 82080	Analyzed: 190418
DIBROMOACETIC ACID (DBAA)	Result: 7.3	Units: UG/L	Entry No.: 82721	Analyzed: 190412
TRICHLOROACETIC ACID (TCAA)	Result: 1.2	Units: UG/L	Entry No.: 82723	Analyzed: 190412
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190412
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190412
HALOACETIC ACIDS (five) (HAA5)	Result: 11.4	Units: UG/L	Entry No.: A-049	Analyzed: 190412
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 190409 08:45	
BROMODICHLORMETHANE (THM)	Result: 11.1	Units: UG/L	Entry No.: 32101	Analyzed: 190418
BROMOFORM (THM)	Result: 14.9	Units: UG/L	Entry No.: 32104	Analyzed: 190418
DIBROMOCHLOROMETHANE (THM)	Result: 19.9	Units: UG/L	Entry No.: 32105	Analyzed: 190418
CHLOROFORM (THM)	Result: 3.7	Units: UG/L	Entry No.: 32106	Analyzed: 190418
DICHLOROACETIC ACID (DCAA)	Result: 2.5	Units: UG/L	Entry No.: 77288	Analyzed: 190412
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 49.6	Units: UG/L	Entry No.: 82080	Analyzed: 190418
DIBROMOACETIC ACID (DBAA)	Result: 6.7	Units: UG/L	Entry No.: 82721	Analyzed: 190412
TRICHLOROACETIC ACID (TCAA)	Result: 1.1	Units: UG/L	Entry No.: 82723	Analyzed: 190412
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190412
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190412
HALOACETIC ACIDS (five) (HAA5)	Result: 10.3	Units: UG/L	Entry No.: A-049	Analyzed: 190412

Printed: 04/19/2019 10:18:19 AM Results of 19D0949 FINAL WRITEON ALL SAMPLES

Clinical Laboratory of San Bernardino, Inc.



20 May 2019

Clinical Lab No.: 19E0711

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA 1st Week of May 2019

Enclosed are the results of the analyses for samples received at the laboratory on 05/07/19. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19E0711
	Sub Project: TTHM/HAA 1st Week of May 2019	Received: 05/07/19 17:20
	Project Manager: Mark Andersen	Reported: 05/20/19

2450 W. 247th St. 19E0711-03 (Water) Sample Date: 05/07/19 9:35 Sampler: P.M.

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

Cl Res Total (Field)	Field	1.7		N/A	mg/L	05/07/19	05/07/19	1919129	
pH (Field)	Field	8.13		N/A	pH Units	05/07/19	05/07/19	1919129	
Temperature (Field)	Field	20.9		N/A	°C	05/07/19	05/07/19	1919129	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	12.0	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Bromoform	EPA 524.2	18.9	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Chloroform (Trichloromethane)	EPA 524.2	3.9	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Dibromochloromethane	EPA 524.2	21.8	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Total Trihalomethanes (TTHM)	EPA 524.2	56.6	1.0	80	ug/L	05/12/19	05/15/19	1920050	
<i>Surrogate: Bromofluorobenzene</i>	EPA 524.2	95 %				05/12/19	05/15/19	1920050	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	EPA 524.2	88 %				05/12/19	05/15/19	1920050	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	5.9	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Dichloroacetic Acid	EPA 552.2	2.2	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Trichloroacetic Acid	EPA 552.2	1.1	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Total Haloacetic Acids (HAA5)	EPA 552.2	9.2	1.0	60	ug/L	05/11/19	05/11/19	1919177	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	EPA 552.2	91 %				05/11/19	05/11/19	1919177	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19E0711
	Sub Project: TTHM/HAA 1st Week of May 2019	Received: 05/07/19 17:20
	Project Manager: Mark Andersen	Reported: 05/20/19

26255 Appian Way 19E0711-04 (Water) Sample Date: 05/07/19 8:15 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	2.2		N/A	mg/L	05/07/19	05/07/19	1919129	
pH (Field)	Field	8.72		N/A	pH Units	05/07/19	05/07/19	1919129	
Temperature (Field)	Field	18.6		N/A	°C	05/07/19	05/07/19	1919129	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	2.4	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Bromoform	EPA 524.2	6.6	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Chloroform (Trichloromethane)	EPA 524.2	1.1	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Dibromochloromethane	EPA 524.2	5.0	1.0	N/A	ug/L	05/12/19	05/15/19	1920050	
Total Trihalomethanes (TTHM)	EPA 524.2	15.1	1.0	80	ug/L	05/12/19	05/15/19	1920050	
Surrogate: Bromofluorobenzene	EPA 524.2	95 %				05/12/19	05/15/19	1920050	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	87 %				05/12/19	05/15/19	1920050	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.6	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Dichloroacetic Acid	EPA 552.2	1.6	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	05/11/19	05/11/19	1919177	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.2	1.0	60	ug/L	05/11/19	05/11/19	1919177	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	97 %				05/11/19	05/11/19	1919177	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19E0711

Report Date: 05/20/2019

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: 190507 08:15	
BROMODICHLORMETHANE (THM)	Result: 2.4	Units: UG/L	Entry No.: 32101	Analyzed: 190515
BROMOFORM (THM)	Result: 6.6	Units: UG/L	Entry No.: 32104	Analyzed: 190515
DIBROMOCHLOROMETHANE (THM)	Result: 5.0	Units: UG/L	Entry No.: 32105	Analyzed: 190515
CHLOROFORM (THM)	Result: 1.1	Units: UG/L	Entry No.: 32106	Analyzed: 190515
DICHLOROACETIC ACID (DCAA)	Result: 1.6	Units: UG/L	Entry No.: 77288	Analyzed: 190511
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 15.1	Units: UG/L	Entry No.: 82080	Analyzed: 190515
DIBROMOACETIC ACID (DBAA)	Result: 2.6	Units: UG/L	Entry No.: 82721	Analyzed: 190511
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 190511
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190511
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190511
HALOACETIC ACIDS (five) (HAA5)	Result: 4.2	Units: UG/L	Entry No.: A-049	Analyzed: 190511
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 190507 08:35	
BROMODICHLORMETHANE (THM)	Result: 2.2	Units: UG/L	Entry No.: 32101	Analyzed: 190515
BROMOFORM (THM)	Result: 6.1	Units: UG/L	Entry No.: 32104	Analyzed: 190515
DIBROMOCHLOROMETHANE (THM)	Result: 4.8	Units: UG/L	Entry No.: 32105	Analyzed: 190515
CHLOROFORM (THM)	Result: 1.0	Units: UG/L	Entry No.: 32106	Analyzed: 190515
DICHLOROACETIC ACID (DCAA)	Result: 1.6	Units: UG/L	Entry No.: 77288	Analyzed: 190511
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 14.1	Units: UG/L	Entry No.: 82080	Analyzed: 190515
DIBROMOACETIC ACID (DBAA)	Result: 2.4	Units: UG/L	Entry No.: 82721	Analyzed: 190511
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 190511
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190511
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190511
HALOACETIC ACIDS (five) (HAA5)	Result: 4.0	Units: UG/L	Entry No.: A-049	Analyzed: 190511
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 190507 08:45	
BROMODICHLORMETHANE (THM)	Result: 11.6	Units: UG/L	Entry No.: 32101	Analyzed: 190515
BROMOFORM (THM)	Result: 18.6	Units: UG/L	Entry No.: 32104	Analyzed: 190515
DIBROMOCHLOROMETHANE (THM)	Result: 21.8	Units: UG/L	Entry No.: 32105	Analyzed: 190515
CHLOROFORM (THM)	Result: 3.9	Units: UG/L	Entry No.: 32106	Analyzed: 190515
DICHLOROACETIC ACID (DCAA)	Result: 2.6	Units: UG/L	Entry No.: 77288	Analyzed: 190511
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 55.9	Units: UG/L	Entry No.: 82080	Analyzed: 190515
DIBROMOACETIC ACID (DBAA)	Result: 5.8	Units: UG/L	Entry No.: 82721	Analyzed: 190511
TRICHLOROACETIC ACID (TCAA)	Result: 1.0	Units: UG/L	Entry No.: 82723	Analyzed: 190511
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190511
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190511
HALOACETIC ACIDS (five) (HAA5)	Result: 9.4	Units: UG/L	Entry No.: A-049	Analyzed: 190511
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 190507 09:35	
BROMODICHLORMETHANE (THM)	Result: 12.0	Units: UG/L	Entry No.: 32101	Analyzed: 190515
BROMOFORM (THM)	Result: 18.9	Units: UG/L	Entry No.: 32104	Analyzed: 190515
DIBROMOCHLOROMETHANE (THM)	Result: 21.8	Units: UG/L	Entry No.: 32105	Analyzed: 190515
CHLOROFORM (THM)	Result: 3.9	Units: UG/L	Entry No.: 32106	Analyzed: 190515
DICHLOROACETIC ACID (DCAA)	Result: 2.2	Units: UG/L	Entry No.: 77288	Analyzed: 190511
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 56.6	Units: UG/L	Entry No.: 82080	Analyzed: 190515
DIBROMOACETIC ACID (DBAA)	Result: 5.9	Units: UG/L	Entry No.: 82721	Analyzed: 190511
TRICHLOROACETIC ACID (TCAA)	Result: 1.1	Units: UG/L	Entry No.: 82723	Analyzed: 190511
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190511
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190511
HALOACETIC ACIDS (five) (HAA5)	Result: 9.2	Units: UG/L	Entry No.: A-049	Analyzed: 190511

Printed: 05/20/2019 10:59:53 AM Results of 19E0711 FINAL WRITEON ALL_SAMPLES

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

1950711
0/0/19
Chain of Custody

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita		System Number		Analysis Requested			
Address		24373 Walnut Avenue		1910073					
Phone #		Lomita, CA 91717		Destination Laboratory					
Fax #		(310) 903-2243		[X] Clinical Laboratory					
Project		TTHM's / HAA's		RWQCB Compliance					
Sub Project		Lomita Distribution Monthly Compliance		YES					
Comments		Samples, 1st Week of May, 2019		ELAP #					
Sampled by		P.M.		1088					
Date	Time	Sample Identification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	Comments
5/7/2019	0835	1912 W. 259th Pl	DW	see bottle	1D	8.79	2.24	17.5	x
5/7/2019	0845	1948 252nd St.	DW	see bottle	1D	8.26	3.30	19.6	x
5/7/2019	0935	2450 W. 247th St.	DW	see bottle	1D	8.13	1.70	20.9	x
5/7/2019	0815	26255 Applan Way	DW	see bottle	1D	8.72	2.20	18.6	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:									
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)			
Patrick McCue		Patrick McCue / City of Lomita		5/7/2019 2:00		Patrick McCue / City of Lomita			
V. Morgan		D. Chaparro / LUS		5:20		D. Chaparro / LUS			
Comments:									
Shipped Via		[] Fed X [] Golden State [] UPS [] Client [] Other		Samples received: (X) On ice () Intact () Custody seals Temp 6.0 () F () C					
								Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



17 June 2019

Clinical Lab No.: 19F0370

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA 1st Week of June 2019

Enclosed are the results of the analyses for samples received at the laboratory on 06/04/19. 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,

A handwritten signature in black ink, appearing to read 'Stu Styles', with a long horizontal flourish extending to the right.

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19F0370
	Sub Project: TTHM/HAA 1st Week of June 2019	Received: 06/04/19 16:56
	Project Manager: Mark Andersen	Reported: 06/17/19

1912 W. 259th PI 19F0370-01 (Water) Sample Date: 06/04/19 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	2.05		N/A	mg/L	06/04/19	06/04/19	1923130	
pH (Field)	Field	8.85		N/A	pH Units	06/04/19	06/04/19	1923130	
Temperature (Field)	Field	18.6		N/A	°C	06/04/19	06/04/19	1923130	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	7.7	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Bromoform	EPA 524.2	7.1	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Chloroform (Trichloromethane)	EPA 524.2	5.2	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Dibromochloromethane	EPA 524.2	9.8	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Total Trihalomethanes (TTHM)	EPA 524.2	29.8	1.0	80	ug/L	06/06/19	06/09/19	1923171	
Surrogate: Bromofluorobenzene	EPA 524.2	92 %				06/06/19	06/09/19	1923171	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	75 %				06/06/19	06/09/19	1923171	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	3.0	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Dichloroacetic Acid	EPA 552.2	3.2	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Trichloroacetic Acid	EPA 552.2	1.0	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Total Haloacetic Acids (HAA5)	EPA 552.2	7.2	1.0	60	ug/L	06/07/19	06/07/19	1923147	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	106 %				06/07/19	06/07/19	1923147	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 1st Week of June 2019
Project Manager: Mark Andersen

Work Order: 19F0370
Received: 06/04/19 16:56
Reported: 06/17/19

1948 252nd St.

19F0370-02 (Water)

Sample Date: 06/04/19 9:55 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	2.15		N/A	mg/L	06/04/19	06/04/19	1923130	
pH (Field)	Field	8.82		N/A	pH Units	06/04/19	06/04/19	1923130	
Temperature (Field)	Field	18.4		N/A	°C	06/04/19	06/04/19	1923130	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	7.8	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Bromoform	EPA 524.2	7.5	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Chloroform (Trichloromethane)	EPA 524.2	5.0	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Dibromochloromethane	EPA 524.2	10.3	1.0	N/A	ug/L	06/06/19	06/09/19	1923171	
Total Trihalomethanes (TTHM)	EPA 524.2	30.6	1.0	80	ug/L	06/06/19	06/09/19	1923171	
Surrogate: Bromofluorobenzene	EPA 524.2	85 %				06/06/19	06/09/19	1923171	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	69 %				06/06/19	06/09/19	1923171	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	3.2	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Dichloroacetic Acid	EPA 552.2	3.4	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Trichloroacetic Acid	EPA 552.2	1.1	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Total Haloacetic Acids (HAA5)	EPA 552.2	7.7	1.0	60	ug/L	06/07/19	06/07/19	1923147	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	111 %				06/07/19	06/07/19	1923147	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis Sub Project: TTHM/HAA 1st Week of June 2019 Project Manager: Mark Andersen	Work Order: 19F0370 Received: 06/04/19 16:56 Reported: 06/17/19
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2450 W. 247th St. 19F0370-03 (Water) Sample Date: 06/04/19 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	0.96		N/A	mg/L	06/04/19	06/04/19	1923130	
pH (Field)	Field	8.63		N/A	pH Units	06/04/19	06/04/19	1923130	
Temperature (Field)	Field	21.7		N/A	°C	06/04/19	06/04/19	1923130	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	2.5	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Bromoform	EPA 524.2	5.2	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Chloroform (Trichloromethane)	EPA 524.2	1.3	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Dibromochloromethane	EPA 524.2	5.4	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Total Trihalomethanes (TTHM)	EPA 524.2	14.4	1.0	80	ug/L	06/10/19	06/10/19	1924003	
<i>Surrogate: Bromofluorobenzene</i>	EPA 524.2	<i>96 %</i>				<i>06/10/19</i>	<i>06/10/19</i>	<i>1924003</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	EPA 524.2	<i>81 %</i>				<i>06/10/19</i>	<i>06/10/19</i>	<i>1924003</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.5	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Dichloroacetic Acid	EPA 552.2	1.5	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.0	1.0	60	ug/L	06/07/19	06/07/19	1923147	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	EPA 552.2	<i>119 %</i>				<i>06/07/19</i>	<i>06/07/19</i>	<i>1923147</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis	Work Order: 19F0370
	Sub Project: TTHM/HAA 1st Week of June 2019	Received: 06/04/19 16:56
	Project Manager: Mark Andersen	Reported: 06/17/19

26255 Appian Way 19F0370-04 (Water) Sample Date: 06/04/19 9:25 Sampler: P.M.

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

Cl Res Total (Field)	Field	2.18		N/A	mg/L	06/04/19	06/04/19	1923130	
pH (Field)	Field	8.81		N/A	pH Units	06/04/19	06/04/19	1923130	
Temperature (Field)	Field	17.5		N/A	°C	06/04/19	06/04/19	1923130	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	4.1	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Bromoform	EPA 524.2	5.5	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Chloroform (Trichloromethane)	EPA 524.2	2.5	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Dibromochloromethane	EPA 524.2	6.9	1.0	N/A	ug/L	06/10/19	06/10/19	1924003	
Total Trihalomethanes (TTHM)	EPA 524.2	19.0	1.0	80	ug/L	06/10/19	06/10/19	1924003	
Surrogate: Bromofluorobenzene	EPA 524.2	105 %				06/10/19	06/10/19	1924003	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	89 %				06/10/19	06/10/19	1924003	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Dichloroacetic Acid	EPA 552.2	2.0	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	06/07/19	06/07/19	1923147	
Total Haloacetic Acids (HAA5)	EPA 552.2	4.8	1.0	60	ug/L	06/07/19	06/07/19	1923147	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	107 %				06/07/19	06/07/19	1923147	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19F0370
Report Date: 06/17/2019
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: 190604 09:25	
BROMODICHLORMETHANE (THM)	Result: 4.1	Units: UG/L	Entry No.: 32101	Analyzed: 190610
BROMOFORM (THM)	Result: 5.5	Units: UG/L	Entry No.: 32104	Analyzed: 190610
DIBROMOCHLOROMETHANE (THM)	Result: 6.9	Units: UG/L	Entry No.: 32105	Analyzed: 190610
CHLOROFORM (THM)	Result: 2.5	Units: UG/L	Entry No.: 32106	Analyzed: 190610
DICHLOROACETIC ACID (DCAA)	Result: 2.0	Units: UG/L	Entry No.: 77288	Analyzed: 190607
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 19.0	Units: UG/L	Entry No.: 82080	Analyzed: 190610
DIBROMOACETIC ACID (DBAA)	Result: 2.8	Units: UG/L	Entry No.: 82721	Analyzed: 190607
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 190607
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190607
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190607
HALOACETIC ACIDS (five) (HAA5)	Result: 4.8	Units: UG/L	Entry No.: A-049	Analyzed: 190607
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 190604 09:45	
BROMODICHLORMETHANE (THM)	Result: 7.7	Units: UG/L	Entry No.: 32101	Analyzed: 190609
BROMOFORM (THM)	Result: 7.1	Units: UG/L	Entry No.: 32104	Analyzed: 190609
DIBROMOCHLOROMETHANE (THM)	Result: 9.8	Units: UG/L	Entry No.: 32105	Analyzed: 190609
CHLOROFORM (THM)	Result: 5.2	Units: UG/L	Entry No.: 32106	Analyzed: 190609
DICHLOROACETIC ACID (DCAA)	Result: 3.2	Units: UG/L	Entry No.: 77288	Analyzed: 190607
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 29.8	Units: UG/L	Entry No.: 82080	Analyzed: 190609
DIBROMOACETIC ACID (DBAA)	Result: 3.0	Units: UG/L	Entry No.: 82721	Analyzed: 190607
TRICHLOROACETIC ACID (TCAA)	Result: 1.0	Units: UG/L	Entry No.: 82723	Analyzed: 190607
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190607
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190607
HALOACETIC ACIDS (five) (HAA5)	Result: 7.2	Units: UG/L	Entry No.: A-049	Analyzed: 190607
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 190604 09:55	
BROMODICHLORMETHANE (THM)	Result: 7.8	Units: UG/L	Entry No.: 32101	Analyzed: 190609
BROMOFORM (THM)	Result: 7.5	Units: UG/L	Entry No.: 32104	Analyzed: 190609
DIBROMOCHLOROMETHANE (THM)	Result: 10.3	Units: UG/L	Entry No.: 32105	Analyzed: 190609
CHLOROFORM (THM)	Result: 5.0	Units: UG/L	Entry No.: 32106	Analyzed: 190609
DICHLOROACETIC ACID (DCAA)	Result: 3.4	Units: UG/L	Entry No.: 77288	Analyzed: 190607
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 30.6	Units: UG/L	Entry No.: 82080	Analyzed: 190609
DIBROMOACETIC ACID (DBAA)	Result: 3.2	Units: UG/L	Entry No.: 82721	Analyzed: 190607
TRICHLOROACETIC ACID (TCAA)	Result: 1.1	Units: UG/L	Entry No.: 82723	Analyzed: 190607
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190607
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190607
HALOACETIC ACIDS (five) (HAA5)	Result: 7.7	Units: UG/L	Entry No.: A-049	Analyzed: 190607
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 190604 10:30	
BROMODICHLORMETHANE (THM)	Result: 2.5	Units: UG/L	Entry No.: 32101	Analyzed: 190610
BROMOFORM (THM)	Result: 5.2	Units: UG/L	Entry No.: 32104	Analyzed: 190610
DIBROMOCHLOROMETHANE (THM)	Result: 5.4	Units: UG/L	Entry No.: 32105	Analyzed: 190610
CHLOROFORM (THM)	Result: 1.3	Units: UG/L	Entry No.: 32106	Analyzed: 190610
DICHLOROACETIC ACID (DCAA)	Result: 1.5	Units: UG/L	Entry No.: 77288	Analyzed: 190607
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 14.4	Units: UG/L	Entry No.: 82080	Analyzed: 190610
DIBROMOACETIC ACID (DBAA)	Result: 2.5	Units: UG/L	Entry No.: 82721	Analyzed: 190607
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 190607
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190607
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190607
HALOACETIC ACIDS (five) (HAA5)	Result: 4.0	Units: UG/L	Entry No.: A-049	Analyzed: 190607

Printed: 06/17/2019 12:27:29 PM Results of 19F0370 FINAL WRITEON ALL_SAMPLES

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

010/16
19F0370 Chain of Custody

Clinical Laboratory of San Bernardino, Inc.

Client Address		City of Lomita 24373 Walnut Avenue Lomita, CA 91717 (310) 903-2243		System Number 1910073		Analysis Requested			
Phone #		TTHM's / HAA's		Destination Laboratory		TTHM / HAAs			
Fax #		Lomita Distribution Monthly Compliance Samples, 1st Week of June, 2019		[X] Clinical Laboratory					
Project				RWQCB Compliance					
Sub Project				YES					
Comments				ELAP #					
Sampled by		P.M.		1088					
Date	Time	Sample Identification	Matrix	Presery	Type	pH	Total Chlorine	Temp.	Comments
6/4/2019	0945	1912 W. 259th Pl	DW	see bottle	1D	8.85	2.05	18.6°	X
6/4/2019	0955	1948 252nd St.	DW	see bottle	1D	8.81	2.15	18.4°	X
6/4/2019	1030	2450 W.247th St.	DW	see bottle	1D	8.63	0.96	21.7°	X
6/4/2019	0925	26255 Appian Way	DW	see bottle	1D	8.81	2.18	17.5°	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:									
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)			
Patrick McCue		Patrick McCue / City of Lomita		6/4/2019 137		[Signature]			
[Signature]		[Signature]		4 456					
Comments: Samples received: (X) On ice () Intact () Custody seals Temp 5.0 () F () C									
Shipped Via		Fed X Golden State UPS Client Other		Page 1 of 1					