


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	MARCH		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>	<table border="1"><tr><td align="center">0</td></tr></table>	0
0						
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)						
7. Summary Completed By:						

Signature 	Title Public Works Superintendent	Date 4/10/2019
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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.

CITY OF LOMITA MONTHLY CHLORINE RESIDUAL SUMMARY

Mar-19

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	3/5/2019	8:05 AM	2.01	A	A	2
13-2 26314 S. Monte Vta.	3/5/2019	7:55 AM	2.02	A	A	3
13-3 1948 W. 252nd St.	3/5/2019	8:20 AM	2.80	A	A	1
13-4 24632 S. Moon Ave.	3/5/2019	9:25 AM	2.20	A	A	1
13-5 2500 PCH	3/5/2019	9:45 AM	2.02	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	3/12/2019	7:30 AM	2.01	A	A	2
13-2 26314 S. Monte Vta.	3/12/2019	7:20 AM	1.84	A	A	3
13-3 1948 W. 252nd St.	3/12/2019	7:40 AM	2.70	A	A	1
13-4 24632 S. Moon Ave.	3/12/2019	8:05 AM	2.60	A	A	1
13-5 2500 PCH	3/12/2019	8:30 AM	1.98	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	3/19/2019	8:00 AM	2.07	A	A	2
13-2 26314 S. Monte Vta.	3/19/2019	7:50 AM	2.12	A	A	3
13-3 1948 W. 252nd St.	3/19/2019	8:10 AM	2.10	A	A	1
13-4 24632 S. Moon Ave.	3/19/2019	8:30 AM	1.76	A	A	1
13-5 2500 PCH	3/19/2019	8:50 AM	2.09	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	3/27/2019	8:00 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	3/27/2019	7:50 AM	2.05	A	A	3
13-3 1948 W. 252nd St.	3/27/2019	8:15 AM	3.10	A	A	1
13-4 24632 S. Moon Ave.	3/27/2019	8:40 AM	3.60	A	A	1
13-5 2500 PCH	3/27/2019	8:55 AM	2.01	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.				A	A	2
13-2 26314 S. Monte Vta.				A	A	3
13-3 1948 W. 252nd St.				A	A	1
13-4 24632 S. Moon Ave.				A	A	1
13-5 2500 PCH				A	A	2

Apr-19

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 Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						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 Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						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 Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						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 Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						2

Average

2.26

SIGNATURE:


Mark Andersen, Public Works Superintendent

Average

#DIV/0!

DATE:

4/10/2019

CITY OF LOMITA

RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE

System Name CITY OF LOMITA

System No. 1910073


Month: MARCH

Year: 2019

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

Well Name or Number	Station Code	Status	Frequency of Sampling	Sampling Date	Total Coliform Result	Fecal Coliform Result
13-5	1910073-003	Online	Monthly	3/12/2019	Absent	Absent

COMMENTS:

	Signature	Date
Mark Andersen, Public Works Superintendent		4/10/2019

**CITY OF LOMITA
PUBLIC WORKS DEPARTMENT**

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF


SYSTEM NO: **1910073** MONTH: **MARCH** 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									
TOTAL	1	1	1									

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, Public Works Superintendent

Date: 4/10/2019

MONTHLY SUMMARY OF MONITORING FOR SURFACE WATER TREATMENT REGULATIONS

System Name: CITY OF LOMITA System No.: 1910073

Wholesaler Name: WEST BASIN MUNICIPAL WATER DISTRICT

Month: MARCH 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
Meets Standard (i.e. $V > 95\%$) (Y/N)?	<u>Y</u>

SUMMARY OF WATER QUALITY COMPLAINTS

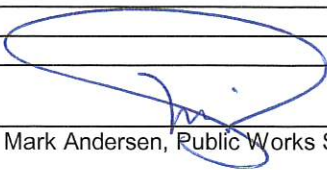
General Complaints:

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

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

Persons Reporting	Date	Corrective Actions Taken

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

Signature:  _____
 Mark Andersen, Public Works Superintendent

Date: 4/10/2019

**CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY**

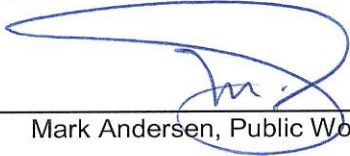
Mar-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	3/5/2019	8:05 AM	ND	1	0.2	8.54	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	3/5/2019	8:20 AM	ND	2	ND	8.03	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.	3/12/2019	8:05 AM	5	2	ND	7.99	1
13-5 2500 PCH	3/12/2019	8:30 AM	ND	1	ND	8.46	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	3/19/2019	7:50 AM	ND	1	ND	8.86	3
13-3 1948 W. 252nd St.	3/19/2019	8:10 AM	ND	2	ND	8.10	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	3/27/2019	8:00 AM	ND	1	ND	8.58	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	3/27/2019	8:40 AM	5	2	ND	8.10	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

Apr-19

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
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
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

SIGNATURE: _____



Mark Andersen, Public Works Superintendent

DATE: _____

4/10/2019

STAGE 2 DISINFECTION BYPRODUCT RULE
TOTAL TRIHALOMETHANE (TTHM)
1ST 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>4/4/18, 5/9/18, 6/13/18</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>S13-011 (13SM1) 26255 Appian Way, Lomita Z2</i>	19.2	20.6	22.5	24.3	21.7	Y	22.9	N
<i>S13-001 (13SM2) 1912 259th Pl., Lomita Z2</i>	20.6	20.3	23.7	25.1	22.4	Y	23.6	N
<i>S13-003 (13-3) 1948 252nd St., Lomita Z1</i>	47.4	51.7	64.7	62.0	56.5	Y	60.1	N
<i>S13-008 (13SM4) 2450 West 247th St., Lomita Z1</i>	41.3	50.7	66.0	61.2	54.8	Y	59.8	N

Comments: MP4 results for the First Quarter of 2019 were calculated based on weighted average of the results for samples collected on January 16th, February 22nd, and March 22nd 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, Public Works Superintendent Date 4/10/2019

STAGE 2 DISINFECTION BYPRODUCT RULE
 HALOACETIC ACIDS (HAA5)
 1ST QUARTERLY SUMMARY REPORT

Water System Name: Lomita City- Water Department

System No. 1910073

	HAA5 (ppb)							
	Monitoring Periods				LRAA (HAA5)	Meets Standard ? (Y/N)	OEL (HAA5)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current Qtr)				
<i>Sample Date (month/date/year):</i>	<i>4/4/18, 5/9/18, 6/13/18</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>				
S13-011 (13SM1) 26255 Appian Way, Lomita Z2	5.2	4.9	4.7	6.6	5.4	Y	5.7	N
S13-001 (13SM2) 1912 259th Pl., Lomita Z2	5.7	5.4	5.3	6.3	5.7	Y	5.8	N
S13-003 (13-3) 1948 252nd St., Lomita Z1	10.5	12.2	13.3	13.5	12.4	Y	13.1	N
S13-008 (13SM4) 2450 West 247th St., Lomita Z1	9.4	11.4	13.0	11.3	11.3	Y	11.8	N

Comments: MP4 results for the First Quarter of 2019 were calculated based on weighted average of the results for samples collected on January 16th, February 22nd, and March 22nd 2019.

Note: If your OEL is higher than the HAA5 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 HAA5 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, Public Works Superintendent Date 4/10/2019

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

System Name: CITY OF LOMITA System No.: 1910073

Calendar Year: 2019 Quarter: 1st

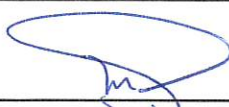
1st Quarter			
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)	
Previous Year	April	2.47	
	May	2.82	
	June	2.76	
	July	2.57	
	August	2.57	
	September	2.61	
	October	2.52	
	November	2.58	
	December	2.38	
	Current Year	January	25
		February	20
		March	20
Running Annual Average (RAA):		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	
		May	
		June	
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	

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	
	May	
	June	
	July	
	August	
	September	
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	
	May	
	June	
	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, Public Works Superintendent

Date: 4/10/2019

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

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Chlorine	Free Chlorine	Total Ammonia	Free Ammonia	Nitrite ³	Nitrate	Coliform ²	HPC	Zone	Comments
Units/Others →				MM/DD/YYYY	°C		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	P/A	CFU/ml		
1	D	S13-003	1948 W 252nd St	3/5/2019	16.9	8.03	2.80	0.04	0.53	0.00	0.006	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	3/5/2019	17.8	7.93	2.20	0.08	0.41	0.00	0.007	ND	A	3	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	3/5/2019	18.0	8.03	3.60	0.05	0.60	0.00	0.007	ND	A	2	1	Well/MWD Blend
4	D	A	2052 Dawn St	3/5/2019	17.8	7.99	1.81	0.04	0.33	0.00	0.009	ND	A	52	1	Well/MWD Blend
5	D		Reservoir SP5	3/5/2019	18.1	8.07	3.26	0.06	0.65	0.00	0.004	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	3/5/2019	14.9	8.54	2.01	0.08	0.47	0.00	0.006	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	3/5/2019	15.1	8.43	2.02	0.07	0.37	0.00	0.005	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	3/5/2019	16.7	8.30	2.02	0.07	0.45	0.00	0.005	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	3/12/2019	16.6	8.04	2.70	0.07	0.43	0.00	0.007	ND	A	1	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	3/12/2019	17.2	7.99	2.60	0.04	0.36	0.00	0.009	ND	A	5	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	3/12/2019	17.4	8.01	3.00	0.10	0.46	0.02	0.007	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	3/12/2019	17.1	8.01	1.76	0.02	0.39	0.09	0.007	ND	A	30	1	Well/MWD Blend
5	D		Reservoir SP5	3/12/2019	17.0	8.04	3.00	0.06	0.47	0.00	0.003	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	3/12/2019	15.0	8.43	2.01	0.05	0.40	0.04	0.007	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	3/12/2019	15.4	8.41	1.84	0.06	0.46	0.06	0.011	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	3/12/2019	15.8	8.46	1.98	0.06	0.50	0.05	0.011	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	3/19/2019	17.3	8.10	2.10	0.06	0.49	0.00	0.004	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	3/19/2019	18.6	7.93	1.76	0.07	0.49	0.00	0.010	ND	A	2	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	3/19/2019	18.7	8.05	3.10	0.05	0.47	0.00	0.008	ND	A	1	1	Well/MWD Blend
4	D	A	2052 Dawn St	3/19/2019	18.1	7.97	1.30	0.02	0.29	0.13	0.011	ND	A	110	1	Well/MWD Blend
5	D		Reservoir SP5	3/19/2019	17.4	8.10	3.17	0.04	0.60	0.00	0.008	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	3/19/2019	15.4	8.87	2.07	0.07	0.53	0.03	0.008	0.45	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	3/19/2019	15.3	8.86	2.12	0.05	0.45	0.04	0.010	0.47	A	1	3	MWD Only
8	D	S13-005	2500 PCH	3/19/2019	16.7	8.79	2.09	0.05	0.46	0.06	0.010	0.45	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	3/27/2019	17.7	8.15	3.10	0.04	0.68	0.09	0.004	ND	A	2	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	3/27/2019	18.6	8.10	3.60	0.10	0.61	0.07	0.010	ND	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	3/27/2019	18.9	8.12	3.90	0.09	0.64	0.01	0.009	ND	A	3	1	Well/MWD Blend
4	D	A	2052 Dawn St	3/27/2019	18.9	8.05	1.94	0.03	0.45	0.13	0.008	0.41	A	47	1	Well/MWD Blend
5	D		Reservoir SP5	3/27/2019	17.9	8.20	4.00	0.07	0.80	0.00	0.000	ND	A	4	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	3/27/2019	15.9	8.58	2.10	0.04	0.47	0.10	0.006	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	3/27/2019	16.0	8.55	2.05	0.05	0.45	0.09	0.004	0.45	A	2	3	MWD Only
8	D	S13-005	2500 PCH	3/27/2019	17.3	8.64	2.01	0.10	0.46	0.07	0.007	0.44	A	11	2	MWD Only
1	D	S13-003	1948 W 252nd St												1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave												1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave												1	Well/MWD Blend
4	D	A	2052 Dawn St												1	Well/MWD Blend
5	D		Reservoir												1	Well/MWD Blend
6	D	S13-001	1912 W 259th St												2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave												3	MWD Only
8	D	S13-005	2500 PCH												2	MWD Only

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

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.



11 March 2019

Clinical Lab No.: 19C0292

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 03/05/19. 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,

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

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Dist. Samples: 1st Week of March, 2019
Project Manager: Mark Andersen

Work Order: 19C0292
Received: 03/05/19 17:47
Reported: 03/11/19

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

19C0292-01 (Water)

Sample Date: 03/05/19 8:05 **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	0.08		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	2.01		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	8.54		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	14.9		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/05/19	03/07/19	1910157	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	03/05/19	03/05/19	1910106	
Odor Threshold	EPA 140.1-M	1	1	3	TON	03/05/19	03/05/19	1910106	
Turbidity	EPA 180.1	0.2	0.1	5	NTU	03/05/19	03/05/19	1910106	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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26314 Monte Vista (S13-002 Zone:3)

19C0292-02 (Water)

Sample Date: 03/05/19 7:55 **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	0.07		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	2.02		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	8.43		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	15.1		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/05/19	03/07/19	1910157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C0292
Received: 03/05/19 17:47
Reported: 03/11/19

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

19C0292-03 (Water)

Sample Date: 03/05/19 8:20 **Sampler:** P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	2.8		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	8.03		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	16.9		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/05/19	03/07/19	1910157	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	03/05/19	03/05/19	1910106	
Odor Threshold	EPA 140.1-M	2	1	3	TON	03/05/19	03/05/19	1910106	
Turbidity	EPA 180.1	ND	0.1	5	NTU	03/05/19	03/05/19	1910106	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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24632 S. Moon Ave. (S13-004 Zone:1)

19C0292-04 (Water)

Sample Date: 03/05/19 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	0.08		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	7.93		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	17.8		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	3	1	500	CFU/ml	03/05/19	03/07/19	1910157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C0292
Received: 03/05/19 17:47
Reported: 03/11/19

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

19C0292-05 (Water)

Sample Date: 03/05/19 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	0.07		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	2.02		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	8.3		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	16.7		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/05/19	03/07/19	1910157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19C0292-06 (Water)

Sample Date: 03/05/19 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	0.05		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	3.6		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	8.03		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	18		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	2	1	500	CFU/ml	03/05/19	03/07/19	1910157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C0292
Received: 03/05/19 17:47
Reported: 03/11/19

2052 Dawn St (A Zone:1)

19C0292-07 (Water)

Sample Date: 03/05/19 9:05 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	1.81		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	7.99		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	17.8		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	52	1	500	CFU/ml	03/05/19	03/07/19	1910157	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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CWPF SP5

19C0292-08 (Water)

Sample Date: 03/05/19 11:30 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	03/05/19	03/05/19	1910097	
Cl Res Total (Field)	Field	3.26		N/A	mg/L	03/05/19	03/05/19	1910097	
pH (Field)	Field	8.07		N/A	pH Units	03/05/19	03/05/19	1910097	
Temperature (Field)	Field	18.1		N/A	°C	03/05/19	03/05/19	1910097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
E. Coli	SM 9223	A		N/A	P/A	03/05/19	03/06/19	1910123	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/05/19	03/07/19	1910157	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/06/19	03/06/19	1910081	
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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

19C0292

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

8/2/8

Client		City of Lomita		System Number		Analysis Requested				
Address		24373 Walnut Avenue		1910073		Nitrate				
Phone #		Lomita, CA 91717		Destination Laboratory		General Physical				
Fax #		(310)903-2243		[X] Clinical Laboratory		Total Coliform / E. Coli, P-A / HPC				
Project		Standard Analysis		RWQCB Compliance						
Sub Project		Weekly Distribution Samples: 1st Week of March, 2019		YES						
Comments				1088						
Sampled by		P.M.								
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine
3/5/2019	0805	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	14.9°	.08	8.54	2.01
3/5/2019	0755	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	15.1°	.07	8.43	2.02
3/5/2019	0820	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	16.9°	.04	8.03	2.8
3/5/2019	0925	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	17.8°	.08	7.93	2.2
3/5/2019	0945	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	16.7°	.07	8.30	2.02
3/5/2019	0935	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	18.0°	.05	8.03	3.6
3/5/2019	0905	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	17.8°	.04	7.99	1.81
3/5/2019	1130	CWPF SPS	DW	1,7	ID	8	18.1°	.06	8.07	3.26

Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D-Dist.
 Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special

Relinquished By (Sign) Patrick McCue / City of Lomita
 Received By (Sign) Rebecca McConner / CBSB

3/5/2019 130° 547

Samples received: (X) On Ice () Intact () Custody seals Temp 8.2 () F () C

Shipped Via Fed X Golden State UPS Client Other Page 1 of 1

Clinical Laboratory of San Bernardino, Inc.



18 March 2019

Clinical Lab No.: 19C0930

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 03/12/19. 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', written in a cursive style.

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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C0930
Received: 03/12/19 18:40
Reported: 03/18/19

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

19C0930-01 (Water)

Sample Date: 03/12/19 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	0.05		N/A	mg/L	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	2.01		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	8.43		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	15		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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26314 Monte Vista (S13-002 Zone:3)

19C0930-02 (Water)

Sample Date: 03/12/19 7:20 **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	0.06		N/A	mg/L	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	1.84		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	8.41		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	15.4		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C0930
Received: 03/12/19 18:40
Reported: 03/18/19

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

19C0930-03 (Water)

Sample Date: 03/12/19 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	0.07		N/A	mg/L	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	2.7		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	8.04		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	16.6		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	1	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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24632 S. Moon Ave. (S13-004 Zone:1)

19C0930-04 (Water)

Sample Date: 03/12/19 8:05 **Sampler:** P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	2.6		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	7.99		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	17.2		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	5	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	5.0	3.0	15	Color Units	03/12/19	03/12/19	1911159	
Odor Threshold	EPA 140.1-M	2	1	3	TON	03/12/19	03/12/19	1911159	
Turbidity	EPA 180.1	ND	0.1	5	NTU	03/12/19	03/12/19	1911159	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C0930
Received: 03/12/19 18:40
Reported: 03/18/19

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

19C0930-05 (Water)

Sample Date: 03/12/19 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	0.06		N/A	mg/L	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	1.98		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	8.46		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	15.8		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	03/12/19	03/12/19	1911159	
Odor Threshold	EPA 140.1-M	1	1	3	TON	03/12/19	03/12/19	1911159	
Turbidity	EPA 180.1	ND	0.1	5	NTU	03/12/19	03/12/19	1911159	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19C0930-06 (Water)

Sample Date: 03/12/19 8:20 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	0.1		N/A	mg/L	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	3		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	8.01		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	17.4		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C0930
Received: 03/12/19 18:40
Reported: 03/18/19

2052 Dawn St (A Zone:1)

19C0930-07 (Water)

Sample Date: 03/12/19 7:55 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	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	1.76		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	8.01		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	17.1		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	30	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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CWPF SP5

19C0930-08 (Water)

Sample Date: 03/12/19 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	0.06		N/A	mg/L	03/12/19	03/12/19	1911097	
Cl Res Total (Field)	Field	3		N/A	mg/L	03/12/19	03/12/19	1911097	
pH (Field)	Field	8.04		N/A	pH Units	03/12/19	03/12/19	1911097	
Temperature (Field)	Field	17		N/A	°C	03/12/19	03/12/19	1911097	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911105	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/13/19	03/13/19	1911087	
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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

19C0930

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

8/2/18

Client		City of Lomita		System Number		Analysis Requested					
Address		24373 Walnut Avenue		1910073		Nitrate					
Phone #		Lomita, CA 91717		Destination Laboratory		General Physical					
Fax #		(310)903-2243		[X] Clinical Laboratory		Total Coliform / E. Coli, P-A / HPC					
Project		Standard Analysis		RWQCB Compliance							
Sub Project		Weekly Distribution Samples: 2nd Week of March, 2019		YES							
Comments				1088							
Sampled by		P.M.									
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	
3/12/2019	0730	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	15.0°	0.06	8.43	2.01	
3/12/2019	0720	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	15.4°	0.06	8.41	1.84	
3/12/2019	0740	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	16.6°	0.07	8.04	2.7	
3/12/2019	0805	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	17.2°	0.04	7.99	2.6	
3/12/2019	0830	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	15.8°	0.06	8.46	1.98	
3/12/2019	0820	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	17.4°	0.10	8.01	3.0	
3/12/2019	0755	2052 Dawn St (A Zone: 1)	DW	1,7	ID	17	17.1°	0.02	8.01	1.76	
3/12/2019	0905	CWPF SPS	DW	1,7	ID	8	17.0°	0.06	8.04	3.0	
Preservatives: (1) Na ₂ S ₂ O ₅ (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						Received By (Sign)	
Patrick A. McCue		Patrick McCue / City of Lomita		3/12/2019						Bob Chapman / CCSB	
Bob Chapman		Chapman / CCSB								HF (B) Dwyer / CCSB	
Shipped Via		Fed X Golden State UPS Client Other		Samples received: (X) On ice (X) Intact () Custody seals Temp 9.2 () F () C						Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



30 March 2019

Clinical Lab No.: 19C1537

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 03/19/19. 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', written in a cursive style.

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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C1537
Received: 03/19/19 16:50
Reported: 03/30/19

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

19C1537-01 (Water)

Sample Date: 03/19/19 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	0.07		N/A	mg/L	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	2.07		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	8.87		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	15.4		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.45	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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26314 Monte Vista (S13-002 Zone:3)

19C1537-02 (Water)

Sample Date: 03/19/19 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	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	2.12		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	8.86		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	15.3		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	1	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	03/19/19	03/19/19	1912104	
Odor Threshold	EPA 140.1-M	1	1	3	TON	03/19/19	03/19/19	1912104	
Turbidity	EPA 180.1	ND	0.1	5	NTU	03/19/19	03/19/19	1912104	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.47	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C1537
Received: 03/19/19 16:50
Reported: 03/30/19

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

19C1537-03 (Water)

Sample Date: 03/19/19 8:10 **Sampler:** P.M.

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	8.1		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	17.3		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	03/19/19	03/19/19	1912104	
Odor Threshold	EPA 140.1-M	2	1	3	TON	03/19/19	03/19/19	1912104	
Turbidity	EPA 180.1	ND	0.1	5	NTU	03/19/19	03/19/19	1912104	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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24632 S. Moon Ave. (S13-004 Zone:1)

19C1537-04 (Water)

Sample Date: 03/19/19 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	0.07		N/A	mg/L	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	1.76		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	7.93		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	18.6		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	2	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C1537
Received: 03/19/19 16:50
Reported: 03/30/19

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

19C1537-05 (Water)

Sample Date: 03/19/19 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	0.05		N/A	mg/L	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	2.09		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	8.79		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	16.7		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	0.45	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19C1537-06 (Water)

Sample Date: 03/19/19 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	0.05		N/A	mg/L	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	3.1		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	8.05		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	18.7		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	1	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C1537
Received: 03/19/19 16:50
Reported: 03/30/19

2052 Dawn St (A Zone:1)

19C1537-07 (Water)

Sample Date: 03/19/19 8:20 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	0.02		N/A	mg/L	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	1.3		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	7.97		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	18.1		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	110	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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CWPF SP5

19C1537-08 (Water)

Sample Date: 03/19/19 9:10 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	03/19/19	03/19/19	1912101	
Cl Res Total (Field)	Field	3.17		N/A	mg/L	03/19/19	03/19/19	1912101	
pH (Field)	Field	8.1		N/A	pH Units	03/19/19	03/19/19	1912101	
Temperature (Field)	Field	17.4		N/A	°C	03/19/19	03/19/19	1912101	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
E. Coli	SM 9223	A		N/A	P/A	03/19/19	03/20/19	1912109	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/19/19	03/21/19	1912153	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 353.2	ND	0.40	10	mg/L	03/20/19	03/20/19	1912090	
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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

19C1537

8/2/8

Client		City of Lomita		System Number		Analysis Requested					
Address		24373 Walnut Avenue		1910073		Nitrate					
Phone #		Lomita, CA 91717		Destination Laboratory		General Physical					
Fax #		(310)903-2243		[X] Clinical Laboratory		Total Coliform / E. Coli, P-A / HPC					
Project		Standard Analysis		RWQCB Compliance							
Sub Project		Weekly Distribution Samples: 3rd Week of March, 2019		YES							
Comments				1088							
Sampled by		P.M.									
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	
3/19/2019	0800	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	15.4	0.07	8.87	2.07	
3/19/2019	0750	26314 Monte Vista (S13-002 Zone: 3)	DW	1,7	ID	2	15.3	0.05	8.86	2.12	
3/19/2019	0810	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	17.3	0.06	8.10	2.10	
3/19/2019	0830	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	18.6	0.07	7.93	1.76	
3/19/2019	0850	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	16.7	0.05	8.79	2.09	
3/19/2019	0840	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	18.7	0.05	8.05	3.10	
3/19/2019	0820	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	18.1	0.02	7.97	1.30	
3/19/2019	0910	CWPF SP5	DW	1,7	ID	8	17.4	0.04	8.10	3.17	
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)		Patrick McCue / City of Lomita		Date / Time		3/19/2019		130		Received By (Sign)	
Patrick McCue		D Chapman / C-158						450		D Chapman / C-158	
Shipped Via		Fed X Golden State UPS Client Other		Samples received: () On ice (X) Intact () Custody seals Temp 6.7 () F () C							
				Page 1 of 1							

Clinical Laboratory of San Bernardino, Inc.



01 April 2019

Clinical Lab No.: 19C2161

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 03/27/19. 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', written in a cursive style.

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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C2161
Received: 03/27/19 15:00
Reported: 04/01/19

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

19C2161-01 (Water)

Sample Date: 03/27/19 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	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.58		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	15.9		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/27/19	03/29/19	1913148	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	03/27/19	03/27/19	1913099	
Odor Threshold	EPA 140.1-M	1	1	3	TON	03/27/19	03/27/19	1913099	
Turbidity	EPA 180.1	ND	0.1	5	NTU	03/27/19	03/27/19	1913099	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	03/27/19	03/27/19	1913056	
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26314 Monte Vista (S13-002 Zone:3)

19C2161-02 (Water)

Sample Date: 03/27/19 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	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	2.05		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.55		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	16		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	2	1	500	CFU/ml	03/27/19	03/29/19	1913148	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.45	0.40	10	mg/L	03/27/19	03/27/19	1913056	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C2161
Received: 03/27/19 15:00
Reported: 04/01/19

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

19C2161-03 (Water)

Sample Date: 03/27/19 8:15 **Sampler:** P.M.

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	3.1		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.15		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	17.7		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	2	1	500	CFU/ml	03/27/19	03/29/19	1913148	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/27/19	03/27/19	1913056	
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24632 S. Moon Ave. (S13-004 Zone:1)

19C2161-04 (Water)

Sample Date: 03/27/19 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	0.1		N/A	mg/L	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	3.6		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.1		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	18.6		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/27/19	03/29/19	1913148	

General Physical Analyses

Apparent Color	SM 2120BM	5.0	3.0	15	Color Units	03/27/19	03/27/19	1913099	
Odor Threshold	EPA 140.1-M	2	1	3	TON	03/27/19	03/27/19	1913099	
Turbidity	EPA 180.1	ND	0.1	5	NTU	03/27/19	03/27/19	1913099	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/27/19	03/27/19	1913056	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C2161
Received: 03/27/19 15:00
Reported: 04/01/19

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

19C2161-05 (Water)

Sample Date: 03/27/19 8:55 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.1		N/A	mg/L	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	2.01		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.64		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	17.3		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	11	1	500	CFU/ml	03/27/19	03/29/19	1913148	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	03/27/19	03/27/19	1913056	
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25417 Pennsylvania Ave (S13-008 Zone:1)

19C2161-06 (Water)

Sample Date: 03/27/19 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	0.09		N/A	mg/L	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	3.9		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.12		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	18.9		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	3	1	500	CFU/ml	03/27/19	03/29/19	1913148	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/27/19	03/28/19	1913056	
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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 March, 2019
Project Manager: Mark Andersen

Work Order: 19C2161
Received: 03/27/19 15:00
Reported: 04/01/19

2052 Dawn St (A Zone:1)

19C2161-07 (Water)

Sample Date: 03/27/19 8:25 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.03		N/A	mg/L	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	1.94		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.05		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	18.9		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	47	1	500	CFU/ml	03/27/19	03/29/19	1913148	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.41	0.40	10	mg/L	03/27/19	03/28/19	1913056	
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CWPF SP5

19C2161-08 (Water)

Sample Date: 03/27/19 9:20 Sampler: P.M.

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

Cl Res Free (Field)	Field	0.07		N/A	mg/L	03/27/19	03/27/19	1913109	
Cl Res Total (Field)	Field	4		N/A	mg/L	03/27/19	03/27/19	1913109	
pH (Field)	Field	8.2		N/A	pH Units	03/27/19	03/27/19	1913109	
Temperature (Field)	Field	17.9		N/A	°C	03/27/19	03/27/19	1913109	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
E. Coli	SM 9223	A		N/A	P/A	03/27/19	03/28/19	1913102	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/27/19	03/29/19	1913148	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	03/27/19	03/28/19	1913056	
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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

8/2

1910073

Client		City of Lomita		System Number		Analysis Requested					
Address		24373 Walnut Avenue		1910073		Nitrate					
Phone #		Lomita, CA 91717		Destination Laboratory		General Physical					
Fax #		(310)903-2243		[X] Clinical Laboratory		Total Coliform / E. Coli, P-A / HPC					
Project		Standard Analysis		RWQCB Compliance							
Sub Project		Weekly Distribution Samples: 4th Week of March, 2019		YES							
Comments				1088							
Sampled by		P.M.									
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	
3/27/2019	0800	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	15.9°	0.07	8.58	2.10	
3/27/2019	0750	26314 Monte Vista (S13-002 Zone: 3)	DW	1,7	ID	2	16.0°	0.05	8.55	2.05	
3/27/2019	0815	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	17.7°	0.04	8.15	3.10	
3/27/2019	0840	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	18.6°	0.10	8.10	3.60	
3/27/2019	0855	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	17.3°	0.10	8.64	2.01	
3/27/2019	0850	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	6	18.9°	0.09	8.12	3.90	
3/27/2019	0825	2052 Dawn St (A Zone: 1)	DW	1,7	ID	7	18.9°	0.03	8.05	1.94	
3/27/2019	0920	CWPF SPS	DW	1,7	ID	8	17.9°	0.07	8.20	4.0	
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)	Date / Time	Print Name / Company	Date / Time	Received By (Sign)							
<i>J. W. Cheng</i>	3/27/2019 / 10:00	Patrick McCue / City of Lomita	3/27/2019 / 10:00	<i>J. W. Cheng</i>							
<i>J. W. Cheng</i>	3-27-19 / 15:00	J. W. Cheng / CLS	3-27-19 / 15:00	<i>J. W. Cheng</i>							
Shipped Via		Fed X Golden State UPS Client Other		Samples received: <input checked="" type="checkbox"/> On ice () Intact () Custody seals Temp 6.1 () F (X) C							
				Page 1 of 1							

Clinical Laboratory of San Bernardino, Inc.



26 March 2019

Clinical Lab No.: 19C1056

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 03/12/19 . 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', written in a cursive style.

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: CWPf Monthly Compliance Samples, 2nd Wk of Mar
Project Manager: Mark Andersen

Work Order: 19C1056
Received: 03/12/19 18:40
Reported: 03/26/19

Raw Water Site #1		19C1056-01 (Water)			Sample Date: 03/12/19 6:05		Sampler: Patrick McCue		
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	0		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	7.77		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	20		N/A	°C	03/12/19	03/12/19	1911143	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911126	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911126	
Plate Count	SM9215B	65	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	20.0	3.0	15	Color Units	03/12/19	03/12/19	1911159	
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General Chemical Analyses

Hardness, Total (as CaCO3)	Calculated	360	6.6	N/A	mg/L	03/19/19	03/19/19	[CALC]	
Total Filterable Residue/TDS	SM 2540C	810	5.0	1000	mg/L	03/14/19	03/18/19	1911144	

Metals

Calcium (Ca)	EPA 200.7	95	1.0	N/A	mg/L	03/19/19	03/19/19	1912046	
Iron (Fe)	EPA 200.7	180	100	300	ug/L	03/20/19	03/20/19	1912092	
Magnesium (Mg)	EPA 200.7	29	1.0	N/A	mg/L	03/19/19	03/19/19	1912046	
Manganese (Mn)	EPA 200.7	150	20	50	ug/L	03/20/19	03/20/19	1912092	

Filter Effluent (Free Chlorine) Site #2

19C1056-02 (Water)

Sample Date: 03/12/19 6:07

Sampler: Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	10.9		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	7.82		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	20		N/A	°C	03/12/19	03/12/19	1911143	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911126	
E. Coli	SM 9223	A		N/A	P/A	03/12/19	03/13/19	1911126	
Plate Count	SM9215B	ND	1	500	CFU/ml	03/12/19	03/14/19	1911163	HT-08

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: CWPf Monthly Compliance Samples, 2nd Wk of Mar
Project Manager: Mark Andersen

Work Order: 19C1056
Received: 03/12/19 18:40
Reported: 03/26/19

Filter Effluent (Total Chlorine) Site #3 **19C1056-03 (Water)** **Sample Date:** 03/12/19 6:10 **Sampler:** Patrick McCue

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

Cl Res Total (Field)	Field	10		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	7.89		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	20		N/A	°C	03/12/19	03/12/19	1911143	

General Physical Analyses

Apparent Color	SM 2120BM	10.0	3.0	15	Color Units	03/12/19	03/12/19	1911159	
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Metals

Iron (Fe)	EPA 200.7	ND	100	300	ug/L	03/20/19	03/20/19	1912092	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	03/20/19	03/20/19	1912092	

Zone #2 Site #6 **19C1056-04 (Water)** **Sample Date:** 03/12/19 6:15 **Sampler:** Patrick McCue

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

Cl Res Total (Field)	Field	2.09		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	8.38		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	16.4		N/A	°C	03/12/19	03/12/19	1911143	

General Chemical Analyses

Hardness, Total (as CaCO3)	Calculated	160	6.6	N/A	mg/L	03/19/19	03/19/19	[CALC]	
Total Filterable Residue/TDS	SM 2540C	390	5.0	1000	mg/L	03/14/19	03/18/19	1911144	

Metals

Calcium (Ca)	EPA 200.7	37	1.0	N/A	mg/L	03/19/19	03/19/19	1912046	
Magnesium (Mg)	EPA 200.7	16	1.0	N/A	mg/L	03/19/19	03/19/19	1912046	



March 21, 2019

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



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

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

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

LABORATORY TEST RESULTS

Project Reference: 19C1056
Lab Number: K031403-01

Enclosed are results for sample(s) received 3/14/19 by Air Technology Laboratories. Samples were received intact and chilled to 4° C. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

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

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Johnson", is written over a light blue horizontal line.

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

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

SUBCONTRACT ORDER
Clinical Laboratory of San Bernardino
19C1056

K031403-01/02

SENDING LABORATORY:

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

RECEIVING LABORATORY:

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

Please email results to Project Manager: Stu Styles

[] glaubig@clinical-lab.com [x] styles@clinical-lab.com [] bernstein@clinical-lab.com

California EDT transfer those samples with PS codes provided [] Yes [x] No

Water Trax Upload Client: _____ [] Yes [x] No

Turn Around Time [] 10 Days [x] 5 Days [] Other ___ Days

Subcontract Comments:

Analysis

Comments

Sample ID: Raw Water Site #1 / 19C1056-01

Sampled: 03/12/19 06:05 PS Code:
Water

WTX ID:

Methane RSK175

Report in mg/L

Containers Supplied:

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

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

Sample ID: Reservoir Effluent Site #5 / 19C1056-05

Sampled: 03/12/19 09:05 PS Code:
Water

WTX ID:

Methane RSK175

Report in mg/L

Containers Supplied:

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

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

4°C

Released By

Date / Time

Received By

Date / Time

Released By

Date / Time

Received By

Date / Time

BS Shy

03/14/19

07:30

Michael Salazar

3/14/19

9:00

Michael Salazar

3/14/19

11:11

[Signature]

3/14/19

11:11

Client: Clinical Labs
Attn: Stu Styles
Project Name: NA
Project No.: 19C1056
Date Received: 03/14/19
Matrix: Water
Reporting Units: mg/L

RSK175

Lab No.:	K031403-01	K031403-02						
Client Sample I.D.:	Raw Water Site #1/19C1056-01	Reservoir Effluent Site #5/19C1056-05						
Date/Time Sampled:	3/12/19 6:05	3/12/19 9:05						
Date/Time Analyzed:	3/21/19 10:50	3/21/19 11:06						
QC Batch No.:	190321GC8A1	190321GC8A1						
Analyst Initials:	CM/AS	CM/AS						
Dilution Factor:	1.0	1.0						
ANALYTE	Result mg/L	RL mg/L	Result mg/L	RL mg/L				
Methane	2.8	0.0010	0.33	0.0010				

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____



Mark Johnson
Operations Manager

Date _____

3-21-19

The cover letter is an integral part of this analytical report



LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 190321GC8A1

Matrix: Air


Reporting Units: mg/L

RSK175											
LABORATORY CONTROL SAMPLE SUMMARY											

Lab No.:		METHOD BLANK		LCS		LCSD					
Date/Time Analyzed:		3/21/19 10:36		3/21/19 10:05		3/21/19 10:20					
Analyst Initials:		CM/AS		CM/AS		CM/AS					
Dilution Factor:		1.0		1.0		1.0					
ANALYTE	Result mg/L	RL mg/L	SPIKE AMT. mg/L	Result mg/L	% Rec.	Result mg/L	% Rec.	RPD	Low %Rec	High %Rec	Max. RPD
Methane	ND	0.0010	0.654	0.704	108	0.710	108	0.8	70	130	30

ND= Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: 
 Mark Johnson
 Operations Manager

Date 3-21-19

The cover letter is an integral part of this analytical report



2/3/12

Client		City of Lomita		System Number		Analysis Requested											
Address		24373 Walnut Avenue Lomita, CA 91717		1910073													
Phone #		(310)903-2243		Destination Laboratory													
Fax #				[X] Clinical Laboratory													
Project		Standard Analysis		RWQCB Compliance													
Sub Project		CWPF Monthly Compliance Samples; 2nd week of March, 2019		YES													
Comments				ELAP #													
Sampled by		Patrick McCue		1088													
Date	Time	Sample Identification	Matrix	Type	Preserv	Temp.	pH	Total Chlorine	Total Dissolved Solids	Iron & Manganese	Total Coliform / E. Coli P-A / HPC	Hardness	Methane (Water) (RSK175)	Nitrate	Color	Odor	
3/12/2019	0605	Raw Water Site #1	GW	IW	N/A	20.0°	7.77	Ø	X	X	X	X			X		
3/12/2019	0605	Raw Water Site #1	GW	IW	1, 2, 7	20.0°	7.77	Ø			X	X	X				
3/12/2019	0607	Filter Effluent (Free Chlorine) Site#2	DW	IW	1, 7	20.0°	7.82	10.9			X						
3/12/2019	0610	Filter Effluent (Total Chlorine) Site#3	DW	IW	N/A	20.0°	7.87	10.0		X				X			
3/12/2019	0615	Zone #2 Site #6	DW	ID	N/A	16.4°	8.38	2.09	X			X					
3/12/2019	0905	Reservoir Effluent Site #5	DW	ID	N/A	17.0°	8.04	3.0	X			X			X		
3/12/2019	0905	Reservoir Effluent Site #5	DW	ID	2, 7	17.0°	8.04	3.0					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)		Patrick McCue		Print Name / Company		Date / Time		Received By (Sign)		Print Name / Company							
		Patrick McCue		Patrick McCue / City of Lomita		3/12/2019 2:45		[Signature]		[Signature]							
		[Signature]		[Signature]		3/12/19 4:40		[Signature]		[Signature]							
Comments:																	
Shipped Via		Fed X		Golden State		UPS		Client		Other							

Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D- Dist.

Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW-Ground Water, A-Air

Samples received: (X) On ice (X) Intact () Custody seals Temp. 6-1 () F () C

Clinical Laboratory of San Bernardino, Inc.



16 January 2019

Clinical Lab No.: 19A0756

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 01/08/19 . 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 large, sweeping flourish at the end.

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of January 2019
Project Manager: Mark Andersen

Work Order: 19A0756
Received: 01/08/19 17:57
Reported: 01/16/19

1912 W. 259th Pl

19A0756-01 (Water)

Sample Date: 01/08/19 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	2.01		N/A	mg/L	01/08/19	01/08/19	1902195	
pH (Field)	Field	8.22		N/A	pH Units	01/08/19	01/08/19	1902195	
Temperature (Field)	Field	14.8		N/A	°C	01/08/19	01/08/19	1902195	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	7.7	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Bromoform	EPA 524.2	2.5	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Chloroform (Trichloromethane)	EPA 524.2	5.4	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Dibromochloromethane	EPA 524.2	8.8	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Total Trihalomethanes (TTHM)	EPA 524.2	24.4	1.0	80	ug/L	01/12/19	01/13/19	1902241	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>96 %</i>				<i>01/12/19</i>	<i>01/13/19</i>	<i>1902241</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>87 %</i>				<i>01/12/19</i>	<i>01/13/19</i>	<i>1902241</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.5	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Dichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Trichloroacetic Acid	EPA 552.2	1.7	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Total Haloacetic Acids (HAA5)	EPA 552.2	5.9	1.0	60	ug/L	01/11/19	01/11/19	1902199	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>88 %</i>				<i>01/11/19</i>	<i>01/11/19</i>	<i>1902199</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of January 2019
Project Manager: Mark Andersen

Work Order: 19A0756
Received: 01/08/19 17:57
Reported: 01/16/19

1948 252nd St.

19A0756-02 (Water)

Sample Date: 01/08/19 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	2.6		N/A	mg/L	01/08/19	01/08/19	1902195	
pH (Field)	Field	7.89		N/A	pH Units	01/08/19	01/08/19	1902195	
Temperature (Field)	Field	16.6		N/A	°C	01/08/19	01/08/19	1902195	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	16.3	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Bromoform	EPA 524.2	13.7	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Chloroform (Trichloromethane)	EPA 524.2	7.1	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Dibromochloromethane	EPA 524.2	25.4	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Total Trihalomethanes (TTHM)	EPA 524.2	62.5	1.0	80	ug/L	01/12/19	01/13/19	1902241	
Surrogate: Bromofluorobenzene	EPA 524.2	91 %				01/12/19	01/13/19	1902241	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	87 %				01/12/19	01/13/19	1902241	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	6.5	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Dichloroacetic Acid	EPA 552.2	3.8	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Trichloroacetic Acid	EPA 552.2	2.3	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Total Haloacetic Acids (HAA5)	EPA 552.2	12.6	1.0	60	ug/L	01/11/19	01/11/19	1902199	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	96 %				01/11/19	01/11/19	1902199	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of January 2019
Project Manager: Mark Andersen

Work Order: 19A0756
Received: 01/08/19 17:57
Reported: 01/16/19

2450 W. 247th St.

19A0756-03 (Water)

Sample Date: 01/08/19 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	0.77		N/A	mg/L	01/08/19	01/08/19	1902195	
pH (Field)	Field	7.71		N/A	pH Units	01/08/19	01/08/19	1902195	
Temperature (Field)	Field	18.3		N/A	°C	01/08/19	01/08/19	1902195	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	16.2	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Bromoform	EPA 524.2	13.2	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Chloroform (Trichloromethane)	EPA 524.2	7.0	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Dibromochloromethane	EPA 524.2	24.0	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Total Trihalomethanes (TTHM)	EPA 524.2	60.4	1.0	80	ug/L	01/12/19	01/13/19	1902241	
Surrogate: Bromofluorobenzene	EPA 524.2	89 %				01/12/19	01/13/19	1902241	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	87 %				01/12/19	01/13/19	1902241	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	4.9	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Dichloroacetic Acid	EPA 552.2	3.1	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Trichloroacetic Acid	EPA 552.2	2.4	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Total Haloacetic Acids (HAA5)	EPA 552.2	10.4	1.0	60	ug/L	01/11/19	01/11/19	1902199	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	91 %				01/11/19	01/11/19	1902199	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of January 2019
Project Manager: Mark Andersen

Work Order: 19A0756
Received: 01/08/19 17:57
Reported: 01/16/19

26255 Appian Way

19A0756-04 (Water)

Sample Date: 01/08/19 7:25 **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	2.16		N/A	mg/L	01/08/19	01/08/19	1902195	
pH (Field)	Field	8.17		N/A	pH Units	01/08/19	01/08/19	1902195	
Temperature (Field)	Field	14.7		N/A	°C	01/08/19	01/08/19	1902195	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	6.8	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Bromoform	EPA 524.2	2.2	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Chloroform (Trichloromethane)	EPA 524.2	4.9	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Dibromochloromethane	EPA 524.2	8.1	1.0	N/A	ug/L	01/12/19	01/13/19	1902241	
Total Trihalomethanes (TTHM)	EPA 524.2	22.0	1.0	80	ug/L	01/12/19	01/13/19	1902241	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>89 %</i>				<i>01/12/19</i>	<i>01/13/19</i>	<i>1902241</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>88 %</i>				<i>01/12/19</i>	<i>01/13/19</i>	<i>1902241</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.6	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Dichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Trichloroacetic Acid	EPA 552.2	1.7	1.0	N/A	ug/L	01/11/19	01/11/19	1902199	
Total Haloacetic Acids (HAA5)	EPA 552.2	6.0	1.0	60	ug/L	01/11/19	01/11/19	1902199	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>89 %</i>				<i>01/11/19</i>	<i>01/11/19</i>	<i>1902199</i>	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19A0756
Report Date: 01/16/2019
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: 190108 07:25	
BROMODICHLORMETHANE (THM)	Result: 6.8	Units: UG/L	Entry No.: 32101	Analyzed: 190113
BROMOFORM (THM)	Result: 2.2	Units: UG/L	Entry No.: 32104	Analyzed: 190113
DIBROMOCHLOROMETHANE (THM)	Result: 8.1	Units: UG/L	Entry No.: 32105	Analyzed: 190113
CHLOROFORM (THM)	Result: 4.9	Units: UG/L	Entry No.: 32106	Analyzed: 190113
DICHLOROACETIC ACID (DCAA)	Result: 2.7	Units: UG/L	Entry No.: 77288	Analyzed: 190111
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 22.0	Units: UG/L	Entry No.: 82080	Analyzed: 190113
DIBROMOACETIC ACID (DBAA)	Result: 1.6	Units: UG/L	Entry No.: 82721	Analyzed: 190111
TRICHLOROACETIC ACID (TCAA)	Result: 1.7	Units: UG/L	Entry No.: 82723	Analyzed: 190111
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190111
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190111
HALOACETIC ACIDS (five) (HAA5)	Result: 6.0	Units: UG/L	Entry No.: A-049	Analyzed: 190111
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 190108 07:45	
BROMODICHLORMETHANE (THM)	Result: 7.7	Units: UG/L	Entry No.: 32101	Analyzed: 190113
BROMOFORM (THM)	Result: 2.5	Units: UG/L	Entry No.: 32104	Analyzed: 190113
DIBROMOCHLOROMETHANE (THM)	Result: 8.8	Units: UG/L	Entry No.: 32105	Analyzed: 190113
CHLOROFORM (THM)	Result: 5.4	Units: UG/L	Entry No.: 32106	Analyzed: 190113
DICHLOROACETIC ACID (DCAA)	Result: 2.7	Units: UG/L	Entry No.: 77288	Analyzed: 190111
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 24.4	Units: UG/L	Entry No.: 82080	Analyzed: 190113
DIBROMOACETIC ACID (DBAA)	Result: 1.5	Units: UG/L	Entry No.: 82721	Analyzed: 190111
TRICHLOROACETIC ACID (TCAA)	Result: 1.7	Units: UG/L	Entry No.: 82723	Analyzed: 190111
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190111
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190111
HALOACETIC ACIDS (five) (HAA5)	Result: 5.9	Units: UG/L	Entry No.: A-049	Analyzed: 190111
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 190108 08:00	
BROMODICHLORMETHANE (THM)	Result: 16.3	Units: UG/L	Entry No.: 32101	Analyzed: 190113
BROMOFORM (THM)	Result: 13.7	Units: UG/L	Entry No.: 32104	Analyzed: 190113
DIBROMOCHLOROMETHANE (THM)	Result: 25.4	Units: UG/L	Entry No.: 32105	Analyzed: 190113
CHLOROFORM (THM)	Result: 7.1	Units: UG/L	Entry No.: 32106	Analyzed: 190113
DICHLOROACETIC ACID (DCAA)	Result: 3.8	Units: UG/L	Entry No.: 77288	Analyzed: 190111
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 62.5	Units: UG/L	Entry No.: 82080	Analyzed: 190113
DIBROMOACETIC ACID (DBAA)	Result: 6.5	Units: UG/L	Entry No.: 82721	Analyzed: 190111
TRICHLOROACETIC ACID (TCAA)	Result: 2.3	Units: UG/L	Entry No.: 82723	Analyzed: 190111
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190111
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190111
HALOACETIC ACIDS (five) (HAA5)	Result: 12.6	Units: UG/L	Entry No.: A-049	Analyzed: 190111
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 190108 09:55	
BROMODICHLORMETHANE (THM)	Result: 16.2	Units: UG/L	Entry No.: 32101	Analyzed: 190113
BROMOFORM (THM)	Result: 13.2	Units: UG/L	Entry No.: 32104	Analyzed: 190113
DIBROMOCHLOROMETHANE (THM)	Result: 24.0	Units: UG/L	Entry No.: 32105	Analyzed: 190113
CHLOROFORM (THM)	Result: 7.0	Units: UG/L	Entry No.: 32106	Analyzed: 190113
DICHLOROACETIC ACID (DCAA)	Result: 3.1	Units: UG/L	Entry No.: 77288	Analyzed: 190111
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 60.4	Units: UG/L	Entry No.: 82080	Analyzed: 190113
DIBROMOACETIC ACID (DBAA)	Result: 4.9	Units: UG/L	Entry No.: 82721	Analyzed: 190111
TRICHLOROACETIC ACID (TCAA)	Result: 2.4	Units: UG/L	Entry No.: 82723	Analyzed: 190111
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190111
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190111
HALOACETIC ACIDS (five) (HAA5)	Result: 10.4	Units: UG/L	Entry No.: A-049	Analyzed: 190111

Printed: 01/16/2019 02:10:32 PM Results of 19A0756 FINAL WRITEON ALL_SAMPLES

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

19AD756

0/0/16 Chain of Custody

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita		System Number		Analysis Requested			
Address		24373 Walnut Avenue		1910073		TTHM / HAAs			
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, 2nd Week of January, 2019		ELAP #					
Sampled by		P.M.		1088					
Date	Time	Sample Identification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	Comments
1/8/2019	0745	1912 W. 259th Pl	DW	see bottle	1D	8.22	2.01	14.8°	X
1/8/2019	0800	1948 252nd St.	DW	see bottle	1D	7.89	2.6	16.6°	X
1/8/2019	0955	2450 W. 247th St.	DW	see bottle	1D	7.71	0.77	18.3°	X
1/8/2019	0725	26255 Appian Way	DW	see bottle	1D	8.17	2.16	14.7°	X
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) Na ₂ S ₂ O ₃ , (2) HCl, (3) HNO ₃ , (4) NH ₄ Cl				Date / Time		Received By (sign)			
(5) H ₂ SO ₄ , (6) Na ₂ SO ₃ , (7) Cold, (8) Other:				1/8/2019 6:50		<i>Patrick McCue</i>			
Relinquished By (Sign)				Print Name / Company		City of Lomita			
<i>Patrick McCue</i>				Patrick McCue / City of Lomita					
<i>W. Lopez</i>				DC Reparo / CLSB					
Comments: (X) On ice () Intact () Custody seals Temp 9.6 () 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 <input type="checkbox"/>									

Clinical Laboratory of San Bernardino, Inc.



22 February 2019

Clinical Lab No.: 19B0889

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 02/12/19 . 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
Sub Project: TTHM/HAA 2nd Week of February 2019
Project Manager: Mark Andersen

Work Order: 19B0889
Received: 02/12/19 18:12
Reported: 02/22/19

1912 W. 259th Pl

19B0889-01 (Water)

Sample Date: 02/12/19 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	2.12		N/A	mg/L	02/12/19	02/12/19	1907123	
pH (Field)	Field	8.24		N/A	pH Units	02/12/19	02/12/19	1907123	
Temperature (Field)	Field	14.2		N/A	°C	02/12/19	02/12/19	1907123	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	6.8	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Bromoform	EPA 524.2	2.4	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Chloroform (Trichloromethane)	EPA 524.2	4.6	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Dibromochloromethane	EPA 524.2	8.1	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Total Trihalomethanes (TTHM)	EPA 524.2	21.9	1.0	80	ug/L	02/13/19	02/16/19	1907177	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>83 %</i>				<i>02/13/19</i>	<i>02/16/19</i>	<i>1907177</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>93 %</i>				<i>02/13/19</i>	<i>02/16/19</i>	<i>1907177</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	1.4	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Dichloroacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Trichloroacetic Acid	EPA 552.2	2.1	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Total Haloacetic Acids (HAA5)	EPA 552.2	6.3	1.0	60	ug/L	02/14/19	02/15/19	1907096	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>128 %</i>				<i>02/14/19</i>	<i>02/15/19</i>	<i>1907096</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of February 2019
Project Manager: Mark Andersen

Work Order: 19B0889
Received: 02/12/19 18:12
Reported: 02/22/19

1948 252nd St.

19B0889-02 (Water)

Sample Date: 02/12/19 8:25 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	2.6		N/A	mg/L	02/12/19	02/12/19	1907123	
pH (Field)	Field	7.99		N/A	pH Units	02/12/19	02/12/19	1907123	
Temperature (Field)	Field	15.6		N/A	°C	02/12/19	02/12/19	1907123	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	14.9	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Bromoform	EPA 524.2	16.0	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Chloroform (Trichloromethane)	EPA 524.2	5.8	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Dibromochloromethane	EPA 524.2	23.7	1.0	N/A	ug/L	02/13/19	02/16/19	1907177	
Total Trihalomethanes (TTHM)	EPA 524.2	60.4	1.0	80	ug/L	02/13/19	02/16/19	1907177	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>95 %</i>				<i>02/13/19</i>	<i>02/16/19</i>	<i>1907177</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>101 %</i>				<i>02/13/19</i>	<i>02/16/19</i>	<i>1907177</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	7.8	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Dichloroacetic Acid	EPA 552.2	4.3	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Trichloroacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Total Haloacetic Acids (HAA5)	EPA 552.2	14.9	1.0	60	ug/L	02/14/19	02/15/19	1907096	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>121 %</i>				<i>02/14/19</i>	<i>02/15/19</i>	<i>1907096</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of February 2019
Project Manager: Mark Andersen

Work Order: 19B0889
Received: 02/12/19 18:12
Reported: 02/22/19

2450 W. 247th St.

19B0889-03 (Water)

Sample Date: 02/12/19 9:15 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	0.64		N/A	mg/L	02/12/19	02/12/19	1907123	
pH (Field)	Field	7.83		N/A	pH Units	02/12/19	02/12/19	1907123	
Temperature (Field)	Field	17		N/A	°C	02/12/19	02/12/19	1907123	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	16.8	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Bromoform	EPA 524.2	13.7	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Chloroform (Trichloromethane)	EPA 524.2	6.3	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Dibromochloromethane	EPA 524.2	25.4	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Total Trihalomethanes (TTHM)	EPA 524.2	62.2	1.0	80	ug/L	02/15/19	02/17/19	1908002	
Surrogate: Bromofluorobenzene	EPA 524.2	95 %				02/15/19	02/17/19	1908002	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	85 %				02/15/19	02/17/19	1908002	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	5.1	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Dichloroacetic Acid	EPA 552.2	3.3	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Trichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Total Haloacetic Acids (HAA5)	EPA 552.2	11.1	1.0	60	ug/L	02/14/19	02/15/19	1907096	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	106 %				02/14/19	02/15/19	1907096	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of February 2019
Project Manager: Mark Andersen

Work Order: 19B0889
Received: 02/12/19 18:12
Reported: 02/22/19

26255 Appian Way

19B0889-04 (Water)

Sample Date: 02/12/19 7:55 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.01		N/A	mg/L	02/12/19	02/12/19	1907123	
pH (Field)	Field	8.26		N/A	pH Units	02/12/19	02/12/19	1907123	
Temperature (Field)	Field	14		N/A	°C	02/12/19	02/12/19	1907123	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	8.0	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Bromoform	EPA 524.2	2.6	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Chloroform (Trichloromethane)	EPA 524.2	4.8	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Dibromochloromethane	EPA 524.2	9.1	1.0	N/A	ug/L	02/15/19	02/17/19	1908002	
Total Trihalomethanes (TTHM)	EPA 524.2	24.5	1.0	80	ug/L	02/15/19	02/17/19	1908002	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>89 %</i>				<i>02/15/19</i>	<i>02/17/19</i>	<i>1908002</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>85 %</i>				<i>02/15/19</i>	<i>02/17/19</i>	<i>1908002</i>	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	1.5	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Dichloroacetic Acid	EPA 552.2	3.1	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Trichloroacetic Acid	EPA 552.2	2.2	1.0	N/A	ug/L	02/14/19	02/15/19	1907096	
Total Haloacetic Acids (HAA5)	EPA 552.2	6.8	1.0	60	ug/L	02/14/19	02/15/19	1907096	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>117 %</i>				<i>02/14/19</i>	<i>02/15/19</i>	<i>1907096</i>	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19B0889
Report Date: 02/22/2019
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: 190212 07:55	
BROMODICHLORMETHANE (THM)	Result: 8.0	Units: UG/L	Entry No.: 32101	Analyzed: 190217
BROMOFORM (THM)	Result: 2.6	Units: UG/L	Entry No.: 32104	Analyzed: 190217
DIBROMOCHLOROMETHANE (THM)	Result: 9.1	Units: UG/L	Entry No.: 32105	Analyzed: 190217
CHLOROFORM (THM)	Result: 4.8	Units: UG/L	Entry No.: 32106	Analyzed: 190217
DICHLOROACETIC ACID (DCAA)	Result: 3.1	Units: UG/L	Entry No.: 77288	Analyzed: 190215
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 24.5	Units: UG/L	Entry No.: 82080	Analyzed: 190217
DIBROMOACETIC ACID (DBAA)	Result: 1.5	Units: UG/L	Entry No.: 82721	Analyzed: 190215
TRICHLOROACETIC ACID (TCAA)	Result: 2.2	Units: UG/L	Entry No.: 82723	Analyzed: 190215
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190215
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190215
HALOACETIC ACIDS (five) (HAA5)	Result: 6.8	Units: UG/L	Entry No.: A-049	Analyzed: 190215
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 190212 08:15	
BROMODICHLORMETHANE (THM)	Result: 6.8	Units: UG/L	Entry No.: 32101	Analyzed: 190216
BROMOFORM (THM)	Result: 2.4	Units: UG/L	Entry No.: 32104	Analyzed: 190216
DIBROMOCHLOROMETHANE (THM)	Result: 8.1	Units: UG/L	Entry No.: 32105	Analyzed: 190216
CHLOROFORM (THM)	Result: 4.6	Units: UG/L	Entry No.: 32106	Analyzed: 190216
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 190215
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 21.9	Units: UG/L	Entry No.: 82080	Analyzed: 190216
DIBROMOACETIC ACID (DBAA)	Result: 1.4	Units: UG/L	Entry No.: 82721	Analyzed: 190215
TRICHLOROACETIC ACID (TCAA)	Result: 2.1	Units: UG/L	Entry No.: 82723	Analyzed: 190215
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190215
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190215
HALOACETIC ACIDS (five) (HAA5)	Result: 6.3	Units: UG/L	Entry No.: A-049	Analyzed: 190215
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 190212 08:25	
BROMODICHLORMETHANE (THM)	Result: 14.9	Units: UG/L	Entry No.: 32101	Analyzed: 190216
BROMOFORM (THM)	Result: 16.0	Units: UG/L	Entry No.: 32104	Analyzed: 190216
DIBROMOCHLOROMETHANE (THM)	Result: 23.7	Units: UG/L	Entry No.: 32105	Analyzed: 190216
CHLOROFORM (THM)	Result: 5.8	Units: UG/L	Entry No.: 32106	Analyzed: 190216
DICHLOROACETIC ACID (DCAA)	Result: 4.3	Units: UG/L	Entry No.: 77288	Analyzed: 190215
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 60.4	Units: UG/L	Entry No.: 82080	Analyzed: 190216
DIBROMOACETIC ACID (DBAA)	Result: 7.8	Units: UG/L	Entry No.: 82721	Analyzed: 190215
TRICHLOROACETIC ACID (TCAA)	Result: 2.8	Units: UG/L	Entry No.: 82723	Analyzed: 190215
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190215
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190215
HALOACETIC ACIDS (five) (HAA5)	Result: 14.9	Units: UG/L	Entry No.: A-049	Analyzed: 190215
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 190212 09:15	
BROMODICHLORMETHANE (THM)	Result: 16.8	Units: UG/L	Entry No.: 32101	Analyzed: 190217
BROMOFORM (THM)	Result: 13.7	Units: UG/L	Entry No.: 32104	Analyzed: 190217
DIBROMOCHLOROMETHANE (THM)	Result: 25.4	Units: UG/L	Entry No.: 32105	Analyzed: 190217
CHLOROFORM (THM)	Result: 6.3	Units: UG/L	Entry No.: 32106	Analyzed: 190217
DICHLOROACETIC ACID (DCAA)	Result: 3.3	Units: UG/L	Entry No.: 77288	Analyzed: 190215
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 62.2	Units: UG/L	Entry No.: 82080	Analyzed: 190217
DIBROMOACETIC ACID (DBAA)	Result: 5.1	Units: UG/L	Entry No.: 82721	Analyzed: 190215
TRICHLOROACETIC ACID (TCAA)	Result: 2.7	Units: UG/L	Entry No.: 82723	Analyzed: 190215
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190215
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190215
HALOACETIC ACIDS (five) (HAA5)	Result: 11.1	Units: UG/L	Entry No.: A-049	Analyzed: 190215

Printed: 02/22/2019 03:54:12 PM Results of 19B0889 FINAL WRITEON ALL_SAMPLES

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

19B0889 0/0/0 Chain of Custody

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita		System Number		Analysis Requested			
Address		24373 Walnut Avenue Lomita, CA 91717		1910073		TTHM / HAAs			
Phone #	(310) 903-2243	Destination Laboratory		[X] Clinical Laboratory					
Fax #		RWQCB Compliance		YES					
Project	TTHM's / HAA's	ELAP #		1088					
Sub Project	Lomita Distribution Monthly Compliance Samples, 2nd Week of February, 2019								
Comments									
Sampled by	P.M.								
Date	Time	Sample Identification	Matrix	Presery	Type	pH	Total Chlorine	Temp.	Comments
2/12/2019	0815	1912 W. 259th Pl	DW	see bottle	1D	8.24	2.12	14.2	X
2/12/2019	0825	1948 252nd St.	DW	see bottle	1D	7.99	2.6	15.6	X
2/12/2019	0915	2450 W.247th St.	DW	see bottle	1D	7.83	0.64	17.0	X
2/12/2019	0755	26255 Appian Way	DW	see bottle	1D	8.26	2.01	14.0	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)			
<i>Patrick McCue</i>		Patrick McCue / City of Lomita		2/12/2019		<i>HF / BJ Dy</i>		237 612 12/12/2019 Bob Glady / LSP	
Comments: <input checked="" type="checkbox"/> On ice <input type="checkbox"/> Intact <input type="checkbox"/> Custody seals Temp for 7 () F () C									
Shipped Via		Fed X Golden State UPS Client Other		Page 1 of 1					

Clinical Laboratory of San Bernardino, Inc.



22 March 2019

Clinical Lab No.: 19C1057

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 03/12/19 . 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 large, sweeping flourish at the end.

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of March 2019
Project Manager: Mark Andersen

Work Order: 19C1057
Received: 03/12/19 18:40
Reported: 03/22/19

1912 W. 259th Pl

19C1057-01 (Water)

Sample Date: 03/12/19 7:30 **Sampler:** P.M.

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

Cl Res Total (Field)	Field	2.01		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	8.43		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	15		N/A	°C	03/12/19	03/12/19	1911143	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	7.5	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Bromoform	EPA 524.2	6.3	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Chloroform (Trichloromethane)	EPA 524.2	4.3	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Dibromochloromethane	EPA 524.2	10.6	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Total Trihalomethanes (TTHM)	EPA 524.2	28.7	1.0	80	ug/L	03/19/19	03/20/19	1912093	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>98 %</i>				<i>03/19/19</i>	<i>03/20/19</i>	<i>1912093</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>105 %</i>				<i>03/19/19</i>	<i>03/20/19</i>	<i>1912093</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Dichloroacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Trichloroacetic Acid	EPA 552.2	1.2	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Total Haloacetic Acids (HAA5)	EPA 552.2	6.7	1.0	60	ug/L	03/15/19	03/15/19	1911164	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>98 %</i>				<i>03/15/19</i>	<i>03/15/19</i>	<i>1911164</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of March 2019
Project Manager: Mark Andersen

Work Order: 19C1057
Received: 03/12/19 18:40
Reported: 03/22/19

1948 252nd St.

19C1057-02 (Water)

Sample Date: 03/12/19 7:40 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.7		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	8.04		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	16.6		N/A	°C	03/12/19	03/12/19	1911143	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	14.3	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Bromoform	EPA 524.2	17.2	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Chloroform (Trichloromethane)	EPA 524.2	5.7	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Dibromochloromethane	EPA 524.2	25.8	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Total Trihalomethanes (TTHM)	EPA 524.2	63.0	1.0	80	ug/L	03/19/19	03/20/19	1912093	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>91 %</i>				<i>03/19/19</i>	<i>03/20/19</i>	<i>1912093</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>98 %</i>				<i>03/19/19</i>	<i>03/20/19</i>	<i>1912093</i>	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	7.6	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Dichloroacetic Acid	EPA 552.2	3.6	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Trichloroacetic Acid	EPA 552.2	2.0	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Total Haloacetic Acids (HAA5)	EPA 552.2	13.2	1.0	60	ug/L	03/15/19	03/15/19	1911164	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>103 %</i>				<i>03/15/19</i>	<i>03/15/19</i>	<i>1911164</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of March 2019
Project Manager: Mark Andersen

Work Order: 19C1057
Received: 03/12/19 18:40
Reported: 03/22/19

2450 W. 247th St.

19C1057-03 (Water)

Sample Date: 03/12/19 8:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	0.64		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	7.93		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	17.7		N/A	°C	03/12/19	03/12/19	1911143	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	14.2	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Bromoform	EPA 524.2	16.8	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Chloroform (Trichloromethane)	EPA 524.2	5.7	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Dibromochloromethane	EPA 524.2	24.5	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Total Trihalomethanes (TTHM)	EPA 524.2	61.2	1.0	80	ug/L	03/19/19	03/20/19	1912093	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>90 %</i>				<i>03/19/19</i>	<i>03/20/19</i>	<i>1912093</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>96 %</i>				<i>03/19/19</i>	<i>03/20/19</i>	<i>1912093</i>	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	7.0	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Dichloroacetic Acid	EPA 552.2	3.3	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Trichloroacetic Acid	EPA 552.2	2.0	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Total Haloacetic Acids (HAA5)	EPA 552.2	12.3	1.0	60	ug/L	03/15/19	03/15/19	1911164	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>101 %</i>				<i>03/15/19</i>	<i>03/15/19</i>	<i>1911164</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of March 2019
Project Manager: Mark Andersen

Work Order: 19C1057
Received: 03/12/19 18:40
Reported: 03/22/19

26255 Appian Way

19C1057-04 (Water)

Sample Date: 03/12/19 7:15 Sampler: P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.04		N/A	mg/L	03/12/19	03/12/19	1911143	
pH (Field)	Field	8.38		N/A	pH Units	03/12/19	03/12/19	1911143	
Temperature (Field)	Field	15.5		N/A	°C	03/12/19	03/12/19	1911143	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	7.0	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Bromoform	EPA 524.2	5.5	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Chloroform (Trichloromethane)	EPA 524.2	4.0	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Dibromochloromethane	EPA 524.2	9.9	1.0	N/A	ug/L	03/19/19	03/20/19	1912093	
Total Trihalomethanes (TTHM)	EPA 524.2	26.4	1.0	80	ug/L	03/19/19	03/20/19	1912093	
Surrogate: Bromofluorobenzene	EPA 524.2	84 %				03/19/19	03/20/19	1912093	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	101 %				03/19/19	03/20/19	1912093	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	2.9	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Dichloroacetic Acid	EPA 552.2	2.8	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Trichloroacetic Acid	EPA 552.2	1.4	1.0	N/A	ug/L	03/15/19	03/15/19	1911164	
Total Haloacetic Acids (HAA5)	EPA 552.2	7.1	1.0	60	ug/L	03/15/19	03/15/19	1911164	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	105 %				03/15/19	03/15/19	1911164	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 19C1057
Report Date: 03/22/2019
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: 190312 07:15	
BROMODICHLORMETHANE (THM)	Result: 7.0	Units: UG/L	Entry No.: 32101	Analyzed: 190320
BROMOFORM (THM)	Result: 5.5	Units: UG/L	Entry No.: 32104	Analyzed: 190320
DIBROMOCHLOROMETHANE (THM)	Result: 9.9	Units: UG/L	Entry No.: 32105	Analyzed: 190320
CHLOROFORM (THM)	Result: 4.0	Units: UG/L	Entry No.: 32106	Analyzed: 190320
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 190315
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 26.4	Units: UG/L	Entry No.: 82080	Analyzed: 190320
DIBROMOACETIC ACID (DBAA)	Result: 2.9	Units: UG/L	Entry No.: 82721	Analyzed: 190315
TRICHLOROACETIC ACID (TCAA)	Result: 1.4	Units: UG/L	Entry No.: 82723	Analyzed: 190315
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190315
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190315
HALOACETIC ACIDS (five) (HAA5)	Result: 7.1	Units: UG/L	Entry No.: A-049	Analyzed: 190315
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 190312 07:30	
BROMODICHLORMETHANE (THM)	Result: 7.5	Units: UG/L	Entry No.: 32101	Analyzed: 190320
BROMOFORM (THM)	Result: 6.3	Units: UG/L	Entry No.: 32104	Analyzed: 190320
DIBROMOCHLOROMETHANE (THM)	Result: 10.6	Units: UG/L	Entry No.: 32105	Analyzed: 190320
CHLOROFORM (THM)	Result: 4.3	Units: UG/L	Entry No.: 32106	Analyzed: 190320
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 190315
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 28.7	Units: UG/L	Entry No.: 82080	Analyzed: 190320
DIBROMOACETIC ACID (DBAA)	Result: 2.7	Units: UG/L	Entry No.: 82721	Analyzed: 190315
TRICHLOROACETIC ACID (TCAA)	Result: 1.2	Units: UG/L	Entry No.: 82723	Analyzed: 190315
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190315
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190315
HALOACETIC ACIDS (five) (HAA5)	Result: 6.7	Units: UG/L	Entry No.: A-049	Analyzed: 190315
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 190312 07:40	
BROMODICHLORMETHANE (THM)	Result: 14.3	Units: UG/L	Entry No.: 32101	Analyzed: 190320
BROMOFORM (THM)	Result: 17.2	Units: UG/L	Entry No.: 32104	Analyzed: 190320
DIBROMOCHLOROMETHANE (THM)	Result: 25.8	Units: UG/L	Entry No.: 32105	Analyzed: 190320
CHLOROFORM (THM)	Result: 5.7	Units: UG/L	Entry No.: 32106	Analyzed: 190320
DICHLOROACETIC ACID (DCAA)	Result: 3.6	Units: UG/L	Entry No.: 77288	Analyzed: 190315
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 63.0	Units: UG/L	Entry No.: 82080	Analyzed: 190320
DIBROMOACETIC ACID (DBAA)	Result: 7.6	Units: UG/L	Entry No.: 82721	Analyzed: 190315
TRICHLOROACETIC ACID (TCAA)	Result: 2.0	Units: UG/L	Entry No.: 82723	Analyzed: 190315
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190315
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190315
HALOACETIC ACIDS (five) (HAA5)	Result: 13.2	Units: UG/L	Entry No.: A-049	Analyzed: 190315
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 190312 08:15	
BROMODICHLORMETHANE (THM)	Result: 14.2	Units: UG/L	Entry No.: 32101	Analyzed: 190320
BROMOFORM (THM)	Result: 16.8	Units: UG/L	Entry No.: 32104	Analyzed: 190320
DIBROMOCHLOROMETHANE (THM)	Result: 24.5	Units: UG/L	Entry No.: 32105	Analyzed: 190320
CHLOROFORM (THM)	Result: 5.7	Units: UG/L	Entry No.: 32106	Analyzed: 190320
DICHLOROACETIC ACID (DCAA)	Result: 3.3	Units: UG/L	Entry No.: 77288	Analyzed: 190315
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 61.2	Units: UG/L	Entry No.: 82080	Analyzed: 190320
DIBROMOACETIC ACID (DBAA)	Result: 7.0	Units: UG/L	Entry No.: 82721	Analyzed: 190315
TRICHLOROACETIC ACID (TCAA)	Result: 2.0	Units: UG/L	Entry No.: 82723	Analyzed: 190315
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 190315
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 190315
HALOACETIC ACIDS (five) (HAA5)	Result: 12.3	Units: UG/L	Entry No.: A-049	Analyzed: 190315

Printed: 03/22/2019 05:06:52 PM Results of 19C1057 FINAL WRITEON ALL_SAMPLES

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

19C1057 01/01/16

Chain of Custody

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita		System Number		Analysis Requested			
Address		24373 Walnut Avenue Lomita, CA 91717 (310) 903-2243		1910073		TTHM / HAAs			
Phone #				Destination Laboratory					
Fax #				[X] Clinical Laboratory					
Project		TTHM's / HAA's		RWQCB Compliance					
Sub Project		Lomita Distribution Monthly Compliance Samples, 2nd Week of March, 2019		YES					
Comments				ELAP #					
Sampled by		P.M.		1088					
Date	Time	Sample Identification	Matrix	Presery	Type	pH	Total Chlorine	Temp.	Comments
3/12/2019	0730	1912 W. 259th Pl	DW	see bottle	1D	8.43	2.01	15.0°	X
3/12/2019	0740	1948 252nd St.	DW	see bottle	1D	8.04	2.7	16.6°	X
3/12/2019	0815	2450 W.247th St.	DW	see bottle	1D	7.93	0.64	17.7°	X
3/12/2019	0715	26255 Appian Way	DW	see bottle	1D	8.38°	2.04	15.5°	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)			
<i>Patrick McCue</i>		Patrick McCue / City of Lomita		3/12/2019		<i>W. [Signature]</i>			
<i>[Signature]</i>		Shapovalova / USB				640			
Comments: (X) On ice () Intact () Custody seals Temp 9.2 () F () C									
Shipped Via		Fed X Golden State UPS Client Other		Page 1 of 1					