State Water Resources Control Board

Division of Drinking Water

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

CITY OF LOMITA		1910073	
Sampling Period: Month	SEPTEMBER	Year	2018

	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	20	20	0	0
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E.coli ***Negative*** (see notes 5 and 6)		0	0	0
3. Repeat Samples Following Routine Samples Which are Total Coliform ***Positive*** and Fecal/E.coli Positive (see notes 5 and 6)		0	0	0
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)	20	20	0	
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100]	N/A			
c. Is system in compliance... ...with fecal/E. coli MCL? (see notes 2 and 3)	☑ Yes	☐ No		
...with monthly MCL? (see note 4)	☑ Yes	☐ No		
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive (This applies **only** to systems subject to the Groundwater Rule - see notes 7 and 8)		0	0	0

6. Invalidated Samples
   (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)
7. Summary Completed By:

Signature	Title	Date
Mark Andersen	Public Works Superintendent	10/10/2018

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

Sep-18

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	9/4/2018	7:35 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	9/4/2018	7:30 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	9/4/2018	7:45 AM	3.00	A	A	1
13-4 24632 S. Moon Ave.	9/4/2018	8:15 AM	2.60	A	A	1
13-5 2500 PCH	9/4/2018	8:45 AM	2.10	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	9/11/2018	7:50 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	9/11/2018	7:40 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	9/11/2018	8:00 AM	3.70	A	A	1
13-4 24632 S. Moon Ave.	9/11/2018	8:40 AM	2.90	A	A	1
13-5 2500 PCH	9/11/2018	9:20 AM	2.40	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	9/18/2018	7:35 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	9/18/2018	7:25 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	9/18/2018	7:45 AM	3.40	A	A	1
13-4 24632 S. Moon Ave.	9/18/2018	8:15 AM	3.00	A	A	1
13-5 2500 PCH	9/18/2018	8:35 AM	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	9/25/2018	7:35 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	9/25/2018	7:30 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	9/25/2018	7:45 AM	3.40	A	A	1
13-4 24632 S. Moon Ave.	9/25/2018	8:15 AM	3.20	A	A	1
13-5 2500 PCH	9/25/2018	8:35 AM	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.						2
13-2 26314 S. Monte Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						2

Average	2.61

SIGNATURE: _____

Mark Andersen, Public Works Superintendent

Oct-18

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
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	#DIV/0!

DATE: 10/10/2018

CITY OF LOMITA

RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE

System Name CITY OF LOMITA

System No. 1910073 Month: SEPTEMBER Year: 2018

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	9/11/2018	Absent	Absent

COMMENTS:

Signature	Date
Mark Andersen, Public Works Superintendent	10/10/2018

CITY OF LOMITA
PUBLIC WORKS DEPARTMENT

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

SYSTEM NO: **1910073** MONTH: **SEPTEMBER** YEAR: **2018**

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

EXAMPLES: 1 NEG | 1 pos. 1 neg. | OFFLINE | NOT TAKEN | STANDBY

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

COMMENTS:

SIGNATURE: _____ Date: 10/10/2018

Mark Andersen, Public Works Superintendent

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: **September** Year: **2018**

DISINFECTION PROCESS DATA

Disinfectant residual type:

Free chlorine (including well sources)	
Free chlorine (no well sources)	
Chloramines (including well sources)	X
Chloramines (no well sources)	

No. of distribution system residual samples collected:	20
No. of distribution system samples for HPC only:	0
Total No. residual and/or HPC samples collected:	20
No. of samples with no detectable residual and HPC is not measured:	0
No. of samples with no residual and HPC > 500 CFU/ml:	0
No. of samples for HPC only and HPC > 500 CFU/ml:	0
Total No. of samples with no residual and/or HPC > 500 CFU/ml:	0
Compute V = 1 - Total No. samples with no residual and/or HPC > 500 X 100 = Total No. residual and/or HPC samples collected	100
Meets Standard (i.e. V > 95%) (Y/N)?	Y

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	4	Investigated situation. Chlorine residual and pressure reads taken. Flushed local fire hydrant.
Color	0	
Turbidity	0	
Suspended Solids	0	
Other (Describe)	0	

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

Persons Reporting	Date	Corrective Actions Taken

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

Signature: Date: 10/10/2018

Mark Andersen, Public Works Superintendent

CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY

Sep-18

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.	9/4/2018	7:45 AM	ND	1	ND	8.08	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	9/4/2018	8:45 AM	ND	1	ND	8.62	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	9/11/2018	7:40 AM	ND	1	0.2	8.58	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	9/11/2018	8:40 AM	ND	1	0.2	8.09	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	9/18/2018	7:35 AM	ND	1	ND	8.55	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	9/18/2018	8:35 AM	ND	1	ND	8.65	2
Location							Zone
13-1 1912 W. 259th Pl.	9/25/2018	7:35 AM	ND	2	ND	8.17	2
13-2 26314 S. Monte Vta.	9/25/2018	7:30 AM	ND	2	ND	8.2	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

Oct-18

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

DATE: 10/10/2018

[1] MONTHLY NITRIFICATION MONITORING SUMMARY REPORT

CITY OF LOMITA, System No. 1910073 --- Month, Year: **September 2018**

#	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	9/4/2018	24.8	8.08	3.00	0.05	0.62	0.11	0.003	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	9/4/2018	24.6	8.07	2.60	0.03	0.53	0.09	0.034	ND	A	3	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	9/4/2018	24.7	8.09	3.20	0.05	0.56	0.10	0.013	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	9/4/2018	25.6	7.95	0.97	0.01	0.30	0.15	0.087	ND	A	110	1	Well/MWD Blend
5	D		Reservoir SP5	9/4/2018	24.0	8.14	3.22	0.04	0.60	0.00	0.004	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	9/4/2018	24.7	8.59	2.20	0.05	0.44	0.09	0.018	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	9/4/2018	24.4	8.62	2.20	0.03	0.43	0.07	0.019	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	9/4/2018	24.4	8.62	2.10	0.02	0.42	0.08	0.030	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	9/11/2018	24.2	8.09	3.70	0.05	0.72	0.12	0.010	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	9/11/2018	24.1	8.09	2.90	0.06	0.56	0.14	0.014	ND	A	3	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	9/11/2018	25.1	8.11	3.70	0.08	0.62	0.12	0.012	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	9/11/2018	25.7	7.91	0.83	0.03	0.31	0.15	0.087	0.45	A	87	1	Well/MWD Blend
5	D		Reservoir SP5	9/11/2018	24.0	8.16	3.79	0.08	0.72	0.00	0.014	ND	A	1	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	9/11/2018	23.5	8.54	2.30	0.05	0.52	0.06	0.009	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	9/11/2018	23.2	8.58	2.30	0.04	0.45	0.05	0.004	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	9/11/2018	23.8	8.58	2.40	0.05	0.45	0.07	0.011	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	9/18/2018	24.4	8.07	3.40	0.06	0.72	0.05	0.010	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	9/18/2018	23.8	8.14	3.00	0.06	0.61	0.08	0.019	ND	A	6	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	9/18/2018	24.0	8.17	3.70	0.07	0.53	0.03	0.016	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	9/18/2018	25.5	7.91	0.89	0.04	0.30	0.11	0.116	0.41	A	130	1	Well/MWD Blend
5	D		Reservoir SP5	9/18/2018	24.0	8.22	3.79	0.04	0.70	0.04	0.006	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	9/18/2018	23.6	8.55	2.30	0.06	0.46	0.03	0.010	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	9/18/2018	23.1	8.60	2.30	0.04	0.37	0.05	0.008	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	9/18/2018	23.3	8.65	2.20	0.06	0.46	0.06	0.011	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	9/25/2018	23.5	7.74	3.40	0.07	0.72	0.10	0.006	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	9/25/2018	23.1	7.63	3.20	0.04	0.62	0.12	0.041	ND	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	9/25/2018	23.4	7.66	3.70	0.06	0.64	0.09	0.015	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	9/25/2018	23.6	7.55	1.03	0.05	0.32	0.14	0.182	0.40	A	180	1	Well/MWD Blend
5	D		Reservoir SP5	9/25/2018	22.7	7.73	3.69	0.09	0.76	0.00	0.002	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	9/25/2018	23.4	8.17	2.20	0.05	0.47	0.03	0.004	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	9/25/2018	22.8	7.20	2.30	0.05	0.49	0.05	0.007	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	9/25/2018	23.0	8.09	2.20	0.06	0.45	0.05	0.026	ND	A	ND	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

[1]Notes: Report Due to DDW by the 10th of the following month. This Report can be used for the routine weekly monitoring (one Report per month) as well as for daily monitoring when there is actual and potential for nitrification (about four or five Reports per month, in this case).

[2]Coliform results are part of weekly Bacti sampling results.

[3]The City is monitoring trends of Nitrite in Zone I, in accordance with the Nitrification Monitoring Plan. Hydrant flushing has been implemented.

STAGE 2 DISINFECTION BYPRODUCT RULE
TOTAL TRIHALOMETHANE (TTHM)
3RD 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)				
Sample Date (month/date/year):	*10/11/17, 11/8/17, 12/13/17*	*1/10/18, 2/14/18, 3/14/18*	*4/4/18, 5/9/18, 6/13/18*	*7/10/18, 8/14/18, 9/11/18*				
S13-011 (13SM1) 26255 Appian Way, Lomita Z2	16.7	21.0	19.2	20.6	19.4	Y	20.4	N
S13-001 (13SM2) 1912 259th Pl., Lomita Z2	15.0	22.0	20.6	20.3	19.5	Y	20.8	N
S13-003 (13-3) 1948 252nd St., Lomita Z1	57.0	68.4	47.4	51.7	56.1	Y	54.8	N
S13-008 (13SM4) 2450 West 247th St., Lomita Z1	48.6	55.8	41.3	50.7	49.1	Y	49.6	N

Comments: MP4 results for the Third Quarter of 2018 were calculated based on weighted average of the results for samples collected on July 10th, August 14th, and September 11th 2018.

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 10/10/2018

STAGE 2 DISINFECTION BYPRODUCT RULE
HALOACETIC ACIDS (HAA5)
3RD 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)				
Sample Date (month/date/year):	*10/11/17, 11/8/17, 12/13/17*	*1/10/18, 2/14/18, 3/14/18*	*4/4/18, 5/9/18, 6/13/18*	*7/10/18, 8/14/18, 9/11/18*				
S13-011 (13SM1) 26255 Appian Way, Lomta Z2	7.7	6.6	5.2	4.9	6.1	Y	5.4	N
S13-001 (13SM2) 1912 259th Pl., Lomita Z2	7.9	6.4	5.7	5.4	6.4	Y	5.7	N
S13-003 (13-3) 1948 252nd St., Lomita Z1	16.9	15.7	10.5	12.2	13.8	Y	12.7	N
S13-008 (13SM4) 2450 West 247th St., Lomita Z1	11.3	10.4	9.4	11.4	10.6	Y	10.7	N

Comments: MP4 results for the Third Quarter of 2018 were calculated based on weighted average of the results for samples collected on July 10th, August 14th and September 11th 2018.

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 10/10/2018

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

System Name: CITY OF LOMITA System No.: 1910073

Calendar Year: 2018 Quarter: 3RD

1st Quarter

	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Year	April		2.65
	May		2.73
	June		2.68
	July		2.73
	August		2.67
	September		2.18
	October		2.14
	November		2.45
	December		2.25
Current Year	January	25	2.19
	February	20	2.19
	March	20	2.32
Running Annual Average (RAA):			2.43
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl_2)			☑ Yes ☐ No

2nd Quarter

	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Year	July		2.73
	August		2.67
	September		2.18
	October		2.14
	November		2.45
	December		2.25
Current Year	January		2.19
	February		2.19
	March		2.32
	April	20	2.47
	May	25	2.82
	June	20	2.76
Running Annual Average (RAA):			2.43
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl_2)			☑ Yes ☐ No

3rd Quarter

	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Yr	October		2.14
	November		2.45
	December		2.25
Current Year	January		2.19
	February		2.19
	March		2.32
	April		2.47
	May		2.82
	June		2.76
	July	25	2.57
	August	20	2.57
	September	20	2.61
Running Annual Average (RAA):			2.45
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl_2)			☑ Yes ☐ No

4th Quarter

	Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Current Year	January		2.19
	February		2.19
	March		2.32
	April		2.47
	May		2.82
	June		2.76
	July		2.57
	August		2.57
	September		2.61
	October		
	November		
	December		
Running Annual Average (RAA):			
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl_2)			☐ Yes ☐ No

Comments:

Signature: Mark Andersen, Public Works Superintendent Date: 10/10/2018

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.

07 September 2018 Clinical Lab No.: 18I0084

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

Project Name: Weekly Distribution
Sub Project: 1st Week of September 2018

Enclosed are the results of the analyses for samples received at the laboratory on 09/04/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of	Project: Weekly Distribution	Work Order: 18I0084
24373 Walnut Avenue	Sub Project: 1st Week of September 2018	Received: 09/04/18 14:55
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/07/18

1912 W. 259th St. (S13-001 Zone: 2) **18I0084-01 (Water)** **Sample Date:** 09/04/18 7:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**8.59**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**24.7**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

26314 Monte Vista (S13-002 Zone:3) **18I0084-02 (Water)** **Sample Date:** 09/04/18 7:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**8.62**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**24.4**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

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

Lomita, City of	Project: Weekly Distribution	Work Order: 18I0084
24373 Walnut Avenue	Sub Project: 1st Week of September 2018	Received: 09/04/18 14:55
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/07/18

1948 W. 252nd St. (S13-003 Zone: 1) **18I0084-03 (Water)** **Sample Date:** 09/04/18 7:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**3**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**8.08**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**24.8**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/04/18	09/04/18	1836084	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	09/04/18	09/04/18	1836084	
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/04/18	09/04/18	1836084	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

24632 S. Moon Ave. (S13-004 Zone:1) **18I0084-04 (Water)** **Sample Date:** 09/04/18 8:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**2.6**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**8.07**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**24.6**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	**3**	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

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Lomita, City of	Project: Weekly Distribution	Work Order: 18I0084
24373 Walnut Avenue	Sub Project: 1st Week of September 2018	Received: 09/04/18 14:55
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/07/18

2500 PCH (S-13-005 Zone:2) **18I0084-05 (Water)** **Sample Date:** 09/04/18 8:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.02**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**2.1**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**8.62**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**24.4**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/04/18	09/04/18	1836084	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	09/04/18	09/04/18	1836084	
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/04/18	09/04/18	1836084	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

25417 Pennsylvania Ave (S13-008 Zone:1) **18I0084-06 (Water)** **Sample Date:** 09/04/18 8:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**3.2**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**8.09**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**24.7**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

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Lomita, City of	Project: Weekly Distribution	Work Order: 18I0084
24373 Walnut Avenue	Sub Project: 1st Week of September 2018	Received: 09/04/18 14:55
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/07/18

2052 Dawn St (A Zone:1) **18I0084-07 (Water)** **Sample Date:** 09/04/18 8:05 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.01**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**0.97**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**7.95**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**25.6**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	**110**	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

CWPF SP5 **18I0084-08 (Water)** **Sample Date:** 09/04/18 9:10 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	09/04/18	09/04/18	1836035	
Cl Res Total (Field)	Field	**3.22**		N/A	mg/L	09/04/18	09/04/18	1836035	
pH (Field)	Field	**8.14**		N/A	pH Units	09/04/18	09/04/18	1836035	
Temperature (Field)	Field	**24**		N/A	°C	09/04/18	09/04/18	1836035	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
E. Coli	SM 9223	A		N/A	P/A	09/04/18	09/05/18	1836077	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/04/18	09/06/18	1836124	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/04/18	09/04/18	1836021	

ND Analyte NOT DETECTED at or above the reporting limit

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

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

18I0084

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717	*Destination Laboratory*	
Phone #	(310)903-2243	[X] Clinical Laboratory	
Fax #		*RWQCB Compliance*	
Project	*Standard Analysis*	*YES*	
Sub Project	*Weekly Distribution Samples: 1st Week of September, 2018*	1088	
Comments			
Sampled by	*P.M.*		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform/E.coli P/A/HPC	General Physical	Nitrate		
9/4/2018	0735	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	24.7°	0.05	8.59	2.20	x		x		
9/4/2018	0730	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	24.4°	0.03	8.62	2.20	x		x		
9/4/2018	0745	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	24.8°	0.05	8.08	3.00	x	x	x		
9/4/2018	0815	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	24.6°	0.03	8.07	2.60	x		x		
9/4/2018	0845	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	24.4°	0.02	8.62	2.10	x	x	x		
9/4/2018	0830	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	24.7°	0.05	8.09	3.20	x		x		
9/4/2018	0805	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	25.6°	0.01	7.95	0.97	x		x		
9/4/2018	0910	CWPF SP5	DW	1,7	1D	8	24.0°	0.04	8.14	3.22	x		x		

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

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (sign)*
Patrick McCue	Patrick McCue / City of Lomita	9/4/2018 / 12:45	Chris Martinez
Chris Martinez	Chris Martinez	9-4-18 2:55	Chris Perez / LCWB

Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp 4.5 ( ) F (X) C

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

*Page _1_ of _1_*

Clinical Laboratory of San Bernardino, Inc.

17 September 2018 Clinical Lab No.: 18I0785

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

Project Name: Weekly Distribution
Sub Project: 2nd Week of September 2018

Enclosed are the results of the analyses for samples received at the laboratory on 09/11/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of	Project: Weekly Distribution	Work Order: 18I0785
24373 Walnut Avenue	Sub Project: 2nd Week of September 2018	Received: 09/11/18 15:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/17/18

1912 W. 259th St. (S13-001 Zone: 2) **18I0785-01 (Water)** **Sample Date:** 09/11/18 7:50 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.54**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**23.5**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/11/18	09/11/18	1837040	

26314 Monte Vista (S13-002 Zone:3) **18I0785-02 (Water)** **Sample Date:** 09/11/18 7:40 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.58**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**23.2**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/11/18	09/11/18	1837094	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	09/11/18	09/11/18	1837094	
Turbidity	EPA 180.1	**0.2**	0.1	5	NTU	09/11/18	09/11/18	1837094	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/11/18	09/11/18	1837040	

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

Lomita, City of	Project: Weekly Distribution	Work Order: 18I0785
24373 Walnut Avenue	Sub Project: 2nd Week of September 2018	Received: 09/11/18 15:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/17/18

1948 W. 252nd St. (S13-003 Zone: 1) **18I0785-03 (Water)** **Sample Date:** 09/11/18 8:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**3.7**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.09**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**24.2**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/11/18	09/11/18	1837040	

24632 S. Moon Ave. (S13-004 Zone:1) **18I0785-04 (Water)** **Sample Date:** 09/11/18 8:40 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**2.9**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.09**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**24.1**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	**3**	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/11/18	09/11/18	1837094	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	09/11/18	09/11/18	1837094	
Turbidity	EPA 180.1	**0.2**	0.1	5	NTU	09/11/18	09/11/18	1837094	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/11/18	09/11/18	1837040	

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

Lomita, City of	Project: Weekly Distribution	Work Order: 18I0785
24373 Walnut Avenue	Sub Project: 2nd Week of September 2018	Received: 09/11/18 15:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/17/18

2500 PCH (S-13-005 Zone:2) **18I0785-05 (Water)** **Sample Date:** 09/11/18 9:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**2.4**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.58**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**23.8**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/11/18	09/11/18	1837040	

25417 Pennsylvania Ave (S13-008 Zone:1) **18I0785-06 (Water)** **Sample Date:** 09/11/18 9:05 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.08**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**3.7**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.11**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**25.1**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/11/18	09/11/18	1837040	

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

Lomita, City of	Project: Weekly Distribution	Work Order: 18I0785
24373 Walnut Avenue	Sub Project: 2nd Week of September 2018	Received: 09/11/18 15:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/17/18

2052 Dawn St (A Zone:1) **18I0785-07 (Water)** **Sample Date:** 09/11/18 8:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.03**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**0.83**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**7.91**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**25.7**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	**87**	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.45**	0.40	10	mg/L	09/11/18	09/11/18	1837040	

CWPF SP5 **18I0785-08 (Water)** **Sample Date:** 09/11/18 10:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.08**		N/A	mg/L	09/11/18	09/11/18	1837056	
Cl Res Total (Field)	Field	**3.79**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.16**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**24**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	**1**	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/11/18	09/11/18	1837040	

ND Analyte NOT DETECTED at or above the reporting limit

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

1810785

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	**1910073**	
	Lomita, CA 91717	*Destination Laboratory*	
Phone #	(310)903-2243	[X] Clinical Laboratory	
Fax #		*RWQCB Compliance*	
Project	*Standard Analysis*	*YES*	
Sub Project	*Weekly Distribution Samples: 2nd Week of September, 2018*		
Comments		**1088**	
Sampled by	*P.M.*		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform/E.coli P/A/HPC	General Physical	Nitrate		
9/11/2018	0750	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	23.5°	0.05	8.54	2.3	x		x		
9/11/2018	0740	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	23.2°	0.04	8.58	2.3	x	x	x		
9/11/2018	0800	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	24.2°	0.05	8.09	3.7	x		x		
9/11/2018	0840	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	24.1°	0.06	8.09	2.9	x	x	x		
9/11/2018	0920	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	23.8°	0.05	8.58	2.4	x		x		
9/11/2018	0905	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	25.1°	0.08	8.11	3.7	x		x		
9/11/2018	0815	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	25.7°	0.03	7.91	0.83	x		x		
9/11/2018	1015	CWPF SP5	DW	1,7	1D	8	24.0°	0.08	8.16	3.79	x		x		

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO_3 (4) NH_4Cl
(5) H_2SO_4 (6) Na_2SO_3 (7) Cold (8) Other:_____

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (sign)*
Patrick McCue	Patrick McCue / City of Lomita	9/11/2018 / 1:00	Chris M
Chris Martinez	Chris Martinez	9-11-18 3:06	

Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp 8 ( ) F (X) C

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

Clinical Laboratory of San Bernardino, Inc.

24 September 2018 Clinical Lab No.: 18I1527

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

Project Name: Standard Analysis
Sub Project: 3rd Week of September 2018

Enclosed are the results of the analyses for samples received at the laboratory on 09/18/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: 3rd Week of September 2018
Project Manager: Mark Andersen

Work Order: 18I1527
Received: 09/18/18 16:15
Reported: 09/24/18

1912 W. 259th St. (S13-001 Zone: 2) **18I1527-01 (Water)** **Sample Date:** 09/18/18 7:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**8.55**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**23.6**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/18/18	09/20/18	1838133	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/18/18	09/18/18	1838094	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	09/18/18	09/18/18	1838094	
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/18/18	09/18/18	1838094	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/19/18	09/19/18	1838079	

26314 Monte Vista (S13-002 Zone:3) **18I1527-02 (Water)** **Sample Date:** 09/18/18 7:25 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**8.6**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**23.1**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/18/18	09/20/18	1838133	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/19/18	09/19/18	1838079	

Lomita, City of	Project: Standard Analysis	Work Order: 18I1527
24373 Walnut Avenue	Sub Project: 3rd Week of September 2018	Received: 09/18/18 16:15
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/24/18

1948 W. 252nd St. (S13-003 Zone: 1) **18I1527-03 (Water)** **Sample Date:** 09/18/18 7:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**3.4**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**8.07**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**24.4**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/18/18	09/20/18	1838133	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/19/18	09/19/18	1838079	

24632 S. Moon Ave. (S13-004 Zone:1) **18I1527-04 (Water)** **Sample Date:** 09/18/18 8:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**3**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**8.14**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**23.8**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	**6**	1	500	CFU/ml	09/18/18	09/20/18	1838133	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/19/18	09/19/18	1838079	

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

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: 3rd Week of September 2018
Project Manager: Mark Andersen

Work Order: 18I1527
Received: 09/18/18 16:15
Reported: 09/24/18

2500 PCH (S-13-005 Zone:2) **18I1527-05 (Water)** **Sample Date:** 09/18/18 8:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**8.65**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**23.3**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/18/18	09/20/18	1838133	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/18/18	09/18/18	1838094	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	09/18/18	09/18/18	1838094	
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/18/18	09/18/18	1838094	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/19/18	09/19/18	1838079	

25417 Pennsylvania Ave (S13-008 Zone:1) **18I1527-06 (Water)** **Sample Date:** 09/18/18 8:25 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.07**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**3.7**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**8.17**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**24**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/18/18	09/20/18	1838133	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/19/18	09/19/18	1838079	

Lomita, City of	Project: Standard Analysis	Work Order: 18I1527
24373 Walnut Avenue	Sub Project: 3rd Week of September 2018	Received: 09/18/18 16:15
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 09/24/18

2052 Dawn St (A Zone:1) **18I1527-07 (Water)** **Sample Date:** 09/18/18 8:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**0.89**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**7.91**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**25.5**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	**130**	1	500	CFU/ml	09/18/18	09/20/18	1838133	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.41**	0.40	10	mg/L	09/19/18	09/19/18	1838079	

CWPF SP5 **18I1527-08 (Water)** **Sample Date:** 09/18/18 10:55 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	09/18/18	09/18/18	1838084	
Cl Res Total (Field)	Field	**3.79**		N/A	mg/L	09/18/18	09/18/18	1838084	
pH (Field)	Field	**8.22**		N/A	pH Units	09/18/18	09/18/18	1838084	
Temperature (Field)	Field	**24**		N/A	°C	09/18/18	09/18/18	1838084	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
E. Coli	SM 9223	A		N/A	P/A	09/18/18	09/19/18	1838100	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/18/18	09/20/18	1838133	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/19/18	09/19/18	1838079	

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

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

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

18I1527

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717	*Destination Laboratory*	
Phone #	(310)903-2243	[X] Clinical Laboratory	
Fax #		*RWQCB Compliance*	
Project	*Standard Analysis*	*YES*	
Sub Project	*Weekly Distribution Samples: 3rd Week of September, 2018*		
Comments		1088	
Sampled by	P. M.		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform/E.coli P/A/HPC	General Physical	Nitrate		
9/18/2018	0735	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	23.6°	0.06	8.55	2.30	x	x	x		
9/18/2018	0725	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	23.1°	0.04	8.60	2.30	x		x		
9/18/2018	0745	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	24.4°	0.06	8.07	3.40	x		x		
9/18/2018	0815	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	23.8°	0.06	8.14	3.00	x		x		
9/18/2018	0835	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	23.3°	0.06	8.65	2.20	x	x	x		
9/18/2018	0825	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	24.0°	0.07	8.17	3.70	x		x		
9/18/2018	0800	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	25.5°	0.04	7.91	0.89	x		x		
9/18/2018	1055	CWPF SP5	DW	1,7	1D	8	24.0°	0.04	8.22	3.79	x		x		

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO_3 (4) NH_4Cl
(5) H_2SO_4 (6) Na_2SO_3 (7) Cold (8) Other:_____

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (sign)*
Patrick McGee	Patrick McGee / City of Lomita	9/18/2018 / 1 30	
Chris Martinez	Chris Martinez	9/18/18 4:15	Chris Perez / LASB

Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp 11 ( ) F (C)

Shipped Via [ ] *Fed X* [ ] *Golden State* [ ] *UPS* [ ] *Client* [ ] *Other* _____ *Page _1_ of _1_*

Clinical Laboratory of San Bernardino, Inc.

02 October 2018 Clinical Lab No.: 18I1991

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

Project Name: Standard Analysis
Sub Project: 4th Week of September 2018

Enclosed are the results of the analyses for samples received at the laboratory on 09/25/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: 4th Week of September 2018
Project Manager: Mark Andersen

Work Order: 18I1991
Received: 09/25/18 14:40
Reported: 10/02/18

1912 W. 259th St. (S13-001 Zone: 2) **18I1991-01 (Water)** **Sample Date:** 09/25/18 7:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**8.17**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**23.4**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/25/18	09/25/18	1839087	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	09/25/18	09/25/18	1839087	
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/25/18	09/25/18	1839087	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/25/18	09/25/18	1839037	

26314 Monte Vista (S13-002 Zone:3) **18I1991-02 (Water)** **Sample Date:** 09/25/18 7:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**8.2**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**22.8**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	09/25/18	09/25/18	1839087	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	09/25/18	09/25/18	1839087	
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/25/18	09/25/18	1839087	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/25/18	09/25/18	1839037	

Lomita, City of	Project: Standard Analysis	Work Order: 18I1991
24373 Walnut Avenue	Sub Project: 4th Week of September 2018	Received: 09/25/18 14:40
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 10/02/18

1948 W. 252nd St. (S13-003 Zone: 1) **18I1991-03 (Water)** **Sample Date:** 09/25/18 7:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.07**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**3.4**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**7.74**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**23.5**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/25/18	09/25/18	1839037	

24632 S. Moon Ave. (S13-004 Zone:1) **18I1991-04 (Water)** **Sample Date:** 09/25/18 8:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**3.2**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**7.63**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**23.1**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/25/18	09/25/18	1839037	

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

Lomita, City of	Project: Standard Analysis	Work Order: 18I1991
24373 Walnut Avenue	Sub Project: 4th Week of September 2018	Received: 09/25/18 14:40
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 10/02/18

2500 PCH (S-13-005 Zone:2) **18I1991-05 (Water)** **Sample Date:** 09/25/18 8:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**8.09**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**23**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/25/18	09/25/18	1839037	

25417 Pennsylvania Ave (S13-008 Zone:1) **18I1991-06 (Water)** **Sample Date:** 09/25/18 8:25 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**3.7**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**7.66**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**23.4**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/25/18	09/25/18	1839037	

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

Lomita, City of	Project: Standard Analysis	Work Order: 18I1991
24373 Walnut Avenue	Sub Project: 4th Week of September 2018	Received: 09/25/18 14:40
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 10/02/18

2052 Dawn St (A Zone:1) **18I1991-07 (Water)** **Sample Date:** 09/25/18 8:05 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.05**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**1.03**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**7.55**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**23.6**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	**180**	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.40**	0.40	10	mg/L	09/25/18	09/25/18	1839037	

CWPF SP5 **18I1991-08 (Water)** **Sample Date:** 09/25/18 9:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.09**		N/A	mg/L	09/25/18	09/25/18	1839067	
Cl Res Total (Field)	Field	**3.69**		N/A	mg/L	09/25/18	09/25/18	1839067	
pH (Field)	Field	**7.73**		N/A	pH Units	09/25/18	09/25/18	1839067	
Temperature (Field)	Field	**22.7**		N/A	°C	09/25/18	09/25/18	1839067	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
E. Coli	SM 9223	A		N/A	P/A	09/25/18	09/26/18	1839080	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/25/18	09/27/18	1839122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/25/18	09/25/18	1839037	

ND Analyte NOT DETECTED at or above the reporting limit

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

1811991

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client	City of Lomita	**System Number**	**Analysis Requested**
Address	24373 Walnut Avenue	**1910073**	
	Lomita, CA 91717		
Phone #	(310)903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*Weekly Distribution Samples: 4th Week of September, 2018*	*YES*	
Comments		**1088**	
Sampled by	P. M.		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	pH	Total Chlorine	Total Coliform/E.coli P/A/HPC	General Physical	Nitrate		
9/25/2018	0735	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	23.4°	0.05	8.17	2.2	x	x	x		
9/25/2018	0730	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	22.8°	0.05	8.20	2.3	x	x	x		
9/25/2018	0745	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	23.5°	0.07	7.74	3.4	x		x		
9/25/2018	0815	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	23.1°	0.04	7.63	3.2	x		x		
9/25/2018	0835	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	23.0°	0.06	8.09	2.2	x		x		
9/25/2018	0825	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	23.4°	0.06	7.66	3.7	x		x		
9/25/2018	0805	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	23.6°	0.05	7.55	1.03	x		x		
9/25/2018	0730	CWPF SP5	DW	1,7	1D	8	22.7°	0.09	7.73	3.69	x		x		

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO_3 (4) NH_4Cl
(5) H_2SO_4 (6) Na_2SO_3 (7) Cold (8) Other: _____

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (sign)*
Patrick McCue	Patrick McCue / City of Lomita	9/25/2018 / 2:40	Jeanette Hernandez
Chris M	Chris Martinez	9-25-18 2:40	

Samples received: ( ) On ice ( ) Intact (✓) Custody seals Temp 9.6 ( ) F (X) C

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

Clinical Laboratory of San Bernardino, Inc.

21 September 2018 Clinical Lab No.: 18I0788

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 09/11/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

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

Work Order: 18I0788
Received: 09/11/18 15:00
Reported: 09/21/18

Raw Water Site #1 **18I0788-01 (Water)** **Sample Date:** 09/11/18 9:50 **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	09/11/18	09/11/18	1837056	
pH (Field)	Field	**7.83**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**23.4**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	**160**	1	500	CFU/ml	09/11/18	09/13/18	1837119	
General Physical Analyses									
Apparent Color	SM 2120BM	**10.0**	3.0	15	Color Units	09/11/18	09/11/18	1837094	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**350**	6.6	N/A	mg/L	09/18/18	09/18/18	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**730**	5.0	1000	mg/L	09/11/18	09/13/18	1837029	
Metals									
Calcium (Ca)	EPA 200.7	**93**	1.0	N/A	mg/L	09/18/18	09/18/18	1838046	
Iron (Fe)	EPA 200.7	**200**	100	300	ug/L	09/19/18	09/19/18	1838074	
Magnesium (Mg)	EPA 200.7	**28**	1.0	N/A	mg/L	09/18/18	09/18/18	1838046	
Manganese (Mn)	EPA 200.7	**150**	20	50	ug/L	09/19/18	09/19/18	1838074	

Filter Effluent (Free Chlorine) Site #2 **18I0788-02 (Water)** **Sample Date:** 09/11/18 10:40 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**13.8**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**7.83**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**23.8**		N/A	°C	09/11/18	09/11/18	1837056	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
E. Coli	SM 9223	A		N/A	P/A	09/11/18	09/12/18	1837084	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/11/18	09/13/18	1837119	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

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

Work Order: 18I0788
Received: 09/11/18 15:00
Reported: 09/21/18

Filter Effluent (Total Chlorine) Site #3 **18I0788-03 (Water)** **Sample Date:** 09/11/18 10:48 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**10.6**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**7.91**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**23.4**		N/A	°C	09/11/18	09/11/18	1837056	
General Physical Analyses									
Apparent Color	SM 2120BM	**5.0**	3.0	15	Color Units	09/11/18	09/11/18	1837094	
Metals									
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	09/19/18	09/19/18	1838074	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	09/19/18	09/19/18	1838074	

Zone #2 Site #6 **18I0788-04 (Water)** **Sample Date:** 09/11/18 10:50 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.02**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.53**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**23.9**		N/A	°C	09/11/18	09/11/18	1837056	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**190**	6.6	N/A	mg/L	09/18/18	09/18/18	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**420**	5.0	1000	mg/L	09/11/18	09/13/18	1837029	
Metals									
Calcium (Ca)	EPA 200.7	**46**	1.0	N/A	mg/L	09/18/18	09/18/18	1838046	
Magnesium (Mg)	EPA 200.7	**19**	1.0	N/A	mg/L	09/18/18	09/18/18	1838046	

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

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

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

Work Order: 18I0788
Received: 09/11/18 15:00
Reported: 09/21/18

Reservoir Effluent Site #5 **18I0788-05 (Water)** **Sample Date:** 09/11/18 10:15 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**3.79**		N/A	mg/L	09/11/18	09/11/18	1837056	
pH (Field)	Field	**8.16**		N/A	pH Units	09/11/18	09/11/18	1837056	
Temperature (Field)	Field	**24**		N/A	°C	09/11/18	09/11/18	1837056	
General Physical Analyses									
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	09/11/18	09/11/18	1837094	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**270**	6.6	N/A	mg/L	09/18/18	09/18/18	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**590**	5.0	1000	mg/L	09/11/18	09/13/18	1837029	
Metals									
Calcium (Ca)	EPA 200.7	**69**	1.0	N/A	mg/L	09/18/18	09/18/18	1838046	
Magnesium (Mg)	EPA 200.7	**23**	1.0	N/A	mg/L	09/18/18	09/18/18	1838046	

ND Analyte NOT DETECTED at or above the reporting limit

AirTECHNOLOGY
Laboratories, Inc.

September 19, 2018

LA Cert #04140
EPA Methods TO3, TO14A, TO15, 25C/3C, RSK-175
TX Cert T104704450-14-6
EPA Methods TO14A, TO15
UT Cert CA0133332015-3
EPA Methods TO3, TO14A, TO15, RSK-175

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

LABORATORY TEST RESULTS

Project Reference: 18I0788
Lab Number: J091202-01/02

Enclosed are results for sample(s) received 9/12/18 by Air Technology Laboratories. Samples were received intact and chilled to 7° C. Analyses were performed according to specifications on the chain of custody provided with the sample(s).

Report Narrative:

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

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

Sincerely,

Mark Johnson
Operations Manager
MJohnson@AirTechLabs.com

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

J091202-01/02

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

18I0788

SENDING LABORATORY:

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

RECEIVING LABORATORY:

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

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

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

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

Analysis	Comments
Sample ID: Raw Water Site #1 / 18I0788-01 01	**Sampled: 09/11/18 09:50 PS Code: Water** **WTX ID:**
Methane RSK175	Report in mg/L
Containers Supplied:	
40ml Amber Vial (B) 40ml Amber Vial (C)	
Sample ID: Reservoir Effluent Site #5 / 18I0788-05 02	**Sampled: 09/11/18 10:15 PS Code: Water** **WTX ID:**
Methane RSK175	Report in mg/L
Containers Supplied:	
40ml Amber Vial (B) 40ml Amber Vial (C)	

7°C

BJ Shy	09/12/18 07:50		9/12/18 841
Released By	Date / Time	Received By	Date / Time
	9/12/18 1050		9/12/18 1050
Released By	Date / Time	Received By	Date / Time

Client:	**Clinical Laboratory**
Attn:	**Stu Styles**
Project Name:	**NA**
Project No.:	**18I0788**
Date Received:	**09/12/18**
Matrix:	**Water**
Reporting Units:	**mg/L**

RSK175

Lab No.:	J091202-01		J091202-02					
Client Sample I.D.:	Raw Water Site #1 / 18I0788-01		Reservoir Effluent Site #5 / 18I0788-05					
Date/Time Sampled:	9/11/18 9:50		9/11/18 10:15					
Date/Time Analyzed:	9/19/18 14:05		9/19/18 13:52					
QC Batch No.:	180919GC8A1		180919GC8A1					
Analyst Initials:	AS		AS					
Dilution Factor:	1.0		1.0					
ANALYTE	**Result mg/L**	**RL mg/L**	**Result mg/L**	**RL mg/L**				
Methane	1.6	0.0010	0.15	0.0010				

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

Reviewed/Approved By: _____ Date 9/19/18
Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

LCS/LCSD Recovery and RPD Summary Report

QC Batch #: 180919GC8A1

Matrix: Air

Reporting Units: mg/L

RSK175
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	9/19/18 13:38			9/19/18 12:45		9/19/18 13:01					
Analyst Initials:	AS			AS		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	0.65	0.790	121	0.824	126	4.2	70	130	30.0

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

Reviewed/Approved By: _____ Date 9/19/18

Mark Johnson
Operations Manager

The cover letter is an integral part of this analytical report

AirTECHNOLOGY Laboratories, Inc.
18501 E. Gale Avenue, Suite 130 ♦ City of Industry, CA 91748 ♦ Ph: (626) 964-4032 ♦ Fx: (626) 964-5832

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

18I0788

Client	*City of Lomita*	System Number	Analysis Requested
Address	24373 Walnut Avenue	**1910073**	
	Lomita, CA 91717		
Phone #	(310)903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*CWPF Monthly Compliance Samples; 2nd week of September, 2018*	*YES*	
		ELAP #	
Comments		**1088**	
Sampled by	*Patrick McCue*		

Date	Time	Sample Idenitification	Matrix	Type	Preserv	Temp.	pH	Total Chlorine	Total Dissolved Solids	Iron & Manganese	E. Coli	Total Coliform	Hetetrophic Plate Count	Nitrate	Color	Odor	Methane (WATER) (RSK175)	Hardness
9/11/2018	0950	Raw Water Site #1	GW	1W	N/A	23.4°	7.83	Ø	X•	X•					X•			
9/11/2018	0950	Raw Water Site #1	GW	1W	1, 2, 7						X•	X•	X•				X•	X•
9/11/2018	1040	Filter Effluent (Free Chlorine) Site#2	DW	1W	1,7	23.8°	7.83	13.8			X•	X•	X•					
9/11/2018	1048	Filter Effluent (Total Chlorine) Site#3	DW	1W	N/A	23.4°	7.91	10.6		X•					X•			
9/11/2018	1050	Zone #2 Site #6	DW	1D	N/A	23.9°	8.53	2.02	X•									X•
9/11/2018	1015	Reservoir Effluent Site #5	DW	1D	N/A	24.6°	8.16	3.79	X•							X•		X•
9/11/2018	1015	Reservoir Effluent Site #5	DW	1D	2,7												X•	

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

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

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (Sign)*	*Print Name / Company*
Patrick McCue	Patrick McCue /City of Lomita	9/11/2018 / 1:00	Chris Martinez	Chris Martinez
Chris Martinez	Chris Martinez	9-11-18 3:00		Chris Perez /LCSB

Comments:

Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp 8 ( ) F (X) C

Shipped Via | | | | *Fed X* | | *Golden State* | | *UPS* | | *Client* | | *Other*

*Page _1_ of _1_*

"Your Water and Wastewater Analysis Solution"

Clinical Laboratory of San Bernardino, Inc.

23 July 2018 Clinical Lab No.: 18G0971

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

Project Name: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018

Enclosed are the results of the analyses for samples received at the laboratory on 07/10/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of	Project: Standard Analysis	Work Order: 18G0971
24373 Walnut Avenue	Sub Project: Lomita Distrib. Sample Monthly Compliance 2018	Received: 07/10/18 17:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 07/23/18

1912 W. 259th Pl **18G0971-01 (Water)** **Sample Date:** 07/10/18 7:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	07/10/18	07/10/18	1828131	
pH (Field)	Field	**8.45**		N/A	pH Units	07/10/18	07/10/18	1828131	
Temperature (Field)	Field	**24.3**		N/A	°C	07/10/18	07/10/18	1828131	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**5.1**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Bromoform	EPA 524.2	**2.9**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Chloroform (Trichloromethane)	EPA 524.2	**3.2**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Dibromochloromethane	EPA 524.2	**4.2**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Total Trihalomethanes (TTHM)	EPA 524.2	**15.4**	1.0	80	ug/L	07/18/18	07/19/18	1829124	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*82 %*				*07/18/18*	*07/19/18*	*1829124*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*90 %*				*07/18/18*	*07/19/18*	*1829124*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**1.6**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Dichloroacetic Acid	EPA 552.2	**2.2**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Trichloroacetic Acid	EPA 552.2	**1.0**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Total Haloacetic Acids (HAA5)	EPA 552.2	**4.8**	1.0	60	ug/L	07/14/18	07/14/18	1828202	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*84 %*				*07/14/18*	*07/14/18*	*1828202*	

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

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18G0971
Received: 07/10/18 17:00
Reported: 07/23/18

1948 252nd St. **18G0971-02 (Water)** **Sample Date:** 07/10/18 7:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**3.3**		N/A	mg/L	07/10/18	07/10/18	1828131	
pH (Field)	Field	**8.05**		N/A	pH Units	07/10/18	07/10/18	1828131	
Temperature (Field)	Field	**24.4**		N/A	°C	07/10/18	07/10/18	1828131	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**14.4**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Bromoform	EPA 524.2	**14.5**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Chloroform (Trichloromethane)	EPA 524.2	**5.9**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Dibromochloromethane	EPA 524.2	**14.3**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Total Trihalomethanes (TTHM)	EPA 524.2	**49.1**	1.0	80	ug/L	07/18/18	07/19/18	1829124	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*82 %*				*07/18/18*	*07/19/18*	*1829124*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*91 %*				*07/18/18*	*07/19/18*	*1829124*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**5.5**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Dichloroacetic Acid	EPA 552.2	**3.3**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Trichloroacetic Acid	EPA 552.2	**1.6**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Total Haloacetic Acids (HAA5)	EPA 552.2	**10.4**	1.0	60	ug/L	07/14/18	07/14/18	1828202	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*78 %*				*07/14/18*	*07/14/18*	*1828202*	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18G0971
Received: 07/10/18 17:00
Reported: 07/23/18

2450 W. 247th St. **18G0971-03 (Water)** **Sample Date:** 07/10/18 8:50 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.6**		N/A	mg/L	07/10/18	07/10/18	1828131	
pH (Field)	Field	**7.96**		N/A	pH Units	07/10/18	07/10/18	1828131	
Temperature (Field)	Field	**24.7**		N/A	°C	07/10/18	07/10/18	1828131	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**14.3**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Bromoform	EPA 524.2	**13.6**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Chloroform (Trichloromethane)	EPA 524.2	**5.8**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Dibromochloromethane	EPA 524.2	**14.5**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Total Trihalomethanes (TTHM)	EPA 524.2	**48.2**	1.0	80	ug/L	07/18/18	07/19/18	1829124	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*82 %*				*07/18/18*	*07/19/18*	*1829124*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*88 %*				*07/18/18*	*07/19/18*	*1829124*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**5.5**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Dichloroacetic Acid	EPA 552.2	**3.1**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Trichloroacetic Acid	EPA 552.2	**1.7**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Total Haloacetic Acids (HAA5)	EPA 552.2	**10.3**	1.0	60	ug/L	07/14/18	07/14/18	1828202	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*81 %*				*07/14/18*	*07/14/18*	*1828202*	

Lomita, City of	Project: Standard Analysis	Work Order: 18G0971
24373 Walnut Avenue	Sub Project: Lomita Distrib. Sample Monthly Compliance 2018	Received: 07/10/18 17:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 07/23/18

26255 Appian Way **18G0971-04 (Water)** **Sample Date:** 07/10/18 7:05 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.4**		N/A	mg/L	07/10/18	07/10/18	1828131	
pH (Field)	Field	**8.5**		N/A	pH Units	07/10/18	07/10/18	1828131	
Temperature (Field)	Field	**23.4**		N/A	°C	07/10/18	07/10/18	1828131	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**5.0**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Bromoform	EPA 524.2	**2.8**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Chloroform (Trichloromethane)	EPA 524.2	**3.4**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Dibromochloromethane	EPA 524.2	**5.0**	1.0	N/A	ug/L	07/18/18	07/19/18	1829124	
Total Trihalomethanes (TTHM)	EPA 524.2	**16.2**	1.0	80	ug/L	07/18/18	07/19/18	1829124	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*79 %*				*07/18/18*	*07/19/18*	*1829124*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*86 %*				*07/18/18*	*07/19/18*	*1829124*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**1.5**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Dichloroacetic Acid	EPA 552.2	**2.0**	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	07/14/18	07/14/18	1828202	
Total Haloacetic Acids (HAA5)	EPA 552.2	**3.5**	1.0	60	ug/L	07/14/18	07/14/18	1828202	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*83 %*				*07/14/18*	*07/14/18*	*1828202*	

ND Analyte NOT DETECTED at or above the reporting limit

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

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1

Work Order: 18G0971
Report Date: 07/23/2018
Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

LOMITA-CITY, WATER DEPT. User ID: 4TH System: 1910073

SITE 1-26255 APPIAN WAY-STG2 DBP		Station No.: 1910073-800			Sampled: 180710 07:05
BROMODICHLORMETHANE (THM)	Result: 5.0	Units: UG/L	Entry No.: 32101	Analyzed: 180719	
BROMOFORM (THM)	Result: 2.8	Units: UG/L	Entry No.: 32104	Analyzed: 180719	
DIBROMOCHLOROMETHANE (THM)	Result: 5.0	Units: UG/L	Entry No.: 32105	Analyzed: 180719	
CHLOROFORM (THM)	Result: 3.4	Units: UG/L	Entry No.: 32106	Analyzed: 180719	
DICHLOROACETIC ACID (DCAA)	Result: 2.0	Units: UG/L	Entry No.: 77288	Analyzed: 180714	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 16.2	Units: UG/L	Entry No.: 82080	Analyzed: 180719	
DIBROMOACETIC ACID (DBAA)	Result: 1.5	Units: UG/L	Entry No.: 82721	Analyzed: 180714	
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 180714	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180714	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180714	
HALOACETIC ACIDS (five) (HAA5)	Result: 3.5	Units: UG/L	Entry No.: A-049	Analyzed: 180714	
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801			Sampled: 180710 07:30
BROMODICHLORMETHANE (THM)	Result: 5.1	Units: UG/L	Entry No.: 32101	Analyzed: 180719	
BROMOFORM (THM)	Result: 2.9	Units: UG/L	Entry No.: 32104	Analyzed: 180719	
DIBROMOCHLOROMETHANE (THM)	Result: 4.2	Units: UG/L	Entry No.: 32105	Analyzed: 180719	
CHLOROFORM (THM)	Result: 3.2	Units: UG/L	Entry No.: 32106	Analyzed: 180719	
DICHLOROACETIC ACID (DCAA)	Result: 2.2	Units: UG/L	Entry No.: 77288	Analyzed: 180714	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 15.4	Units: UG/L	Entry No.: 82080	Analyzed: 180719	
DIBROMOACETIC ACID (DBAA)	Result: 1.6	Units: UG/L	Entry No.: 82721	Analyzed: 180714	
TRICHLOROACETIC ACID (TCAA)	Result: 1.0	Units: UG/L	Entry No.: 82723	Analyzed: 180714	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180714	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180714	
HALOACETIC ACIDS (five) (HAA5)	Result: 4.8	Units: UG/L	Entry No.: A-049	Analyzed: 180714	
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802			Sampled: 180710 07:45
BROMODICHLORMETHANE (THM)	Result: 14.4	Units: UG/L	Entry No.: 32101	Analyzed: 180719	
BROMOFORM (THM)	Result: 14.5	Units: UG/L	Entry No.: 32104	Analyzed: 180719	
DIBROMOCHLOROMETHANE (THM)	Result: 14.3	Units: UG/L	Entry No.: 32105	Analyzed: 180719	
CHLOROFORM (THM)	Result: 5.9	Units: UG/L	Entry No.: 32106	Analyzed: 180719	
DICHLOROACETIC ACID (DCAA)	Result: 3.3	Units: UG/L	Entry No.: 77288	Analyzed: 180714	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 49.1	Units: UG/L	Entry No.: 82080	Analyzed: 180719	
DIBROMOACETIC ACID (DBAA)	Result: 5.5	Units: UG/L	Entry No.: 82721	Analyzed: 180714	
TRICHLOROACETIC ACID (TCAA)	Result: 1.6	Units: UG/L	Entry No.: 82723	Analyzed: 180714	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180714	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180714	
HALOACETIC ACIDS (five) (HAA5)	Result: 10.4	Units: UG/L	Entry No.: A-049	Analyzed: 180714	
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803			Sampled: 180710 08:50
BROMODICHLORMETHANE (THM)	Result: 14.3	Units: UG/L	Entry No.: 32101	Analyzed: 180719	
BROMOFORM (THM)	Result: 13.6	Units: UG/L	Entry No.: 32104	Analyzed: 180719	
DIBROMOCHLOROMETHANE (THM)	Result: 14.5	Units: UG/L	Entry No.: 32105	Analyzed: 180719	
CHLOROFORM (THM)	Result: 5.8	Units: UG/L	Entry No.: 32106	Analyzed: 180719	
DICHLOROACETIC ACID (DCAA)	Result: 3.1	Units: UG/L	Entry No.: 77288	Analyzed: 180714	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 48.2	Units: UG/L	Entry No.: 82080	Analyzed: 180719	
DIBROMOACETIC ACID (DBAA)	Result: 5.5	Units: UG/L	Entry No.: 82721	Analyzed: 180714	
TRICHLOROACETIC ACID (TCAA)	Result: 1.7	Units: UG/L	Entry No.: 82723	Analyzed: 180714	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180714	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180714	
HALOACETIC ACIDS (five) (HAA5)	Result: 10.3	Units: UG/L	Entry No.: A-049	Analyzed: 180714	

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

18G0971

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717		
Phone #	(310) 903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*Lomita Distribution Monthy Compliance Samples, 2nd Week of July, 2018*	*YES*	
		ELAP #	
Comments		1088	
Sampled by	P.M.		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	TTHM / HAAs				Comments
7/10/2018	0730	1912 W. 259th Pl	DW	see bottle	1D	8.45	2.30	24.3°	x				
7/10/2018	0745	1948 252nd St.	DW	see bottle	1D	8.05	3.30	24.4°	x				
7/10/2018	0850	2450 W.247th St.	DW	see bottle	1D	7.96	2.60	24.7°	x				
7/10/2018	0705	26255 Appian Way	DW	see bottle	1D	8.50	2.40	23.4°	x				

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

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (sign)*
Patrick McCue	Patrick McCue / City of Lomita	7/10/2018 / 1:40	
Chris Martinez	Chris Martinez	7-10-18 5:00	

Comments:_____

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

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

Clinical Laboratory of San Bernardino, Inc.

22 August 2018

Clinical Lab No.: 18H1368

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

Project Name: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018

Enclosed are the results of the analyses for samples received at the laboratory on 08/14/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of	Project: Standard Analysis	Work Order: 18H1368
24373 Walnut Avenue	Sub Project: Lomita Distrib. Sample Monthly Compliance 2018	Received: 08/14/18 16:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 08/22/18

1912 W. 259th Pl **18H1368-01 (Water)** **Sample Date:** 08/14/18 7:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2**		N/A	mg/L	08/14/18	08/14/18	1833112	
pH (Field)	Field	**8.54**		N/A	pH Units	08/14/18	08/14/18	1833112	
Temperature (Field)	Field	**26.4**		N/A	°C	08/14/18	08/14/18	1833112	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**9.0**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Bromoform	EPA 524.2	**4.0**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Chloroform (Trichloromethane)	EPA 524.2	**6.0**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Dibromochloromethane	EPA 524.2	**8.8**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Total Trihalomethanes (TTHM)	EPA 524.2	**27.8**	1.0	80	ug/L	08/16/18	08/17/18	1833177	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*72 %*				*08/16/18*	*08/17/18*	*1833177*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*83 %*				*08/16/18*	*08/17/18*	*1833177*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**1.6**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Dichloroacetic Acid	EPA 552.2	**3.1**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Trichloroacetic Acid	EPA 552.2	**1.5**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Total Haloacetic Acids (HAA5)	EPA 552.2	**6.2**	1.0	60	ug/L	08/17/18	08/17/18	1833148	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*93 %*				*08/17/18*	*08/17/18*	*1833148*	

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

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18H1368
Received: 08/14/18 16:00
Reported: 08/22/18

1948 252nd St. **18H1368-02 (Water)** **Sample Date:** 08/14/18 7:35 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**3.4**		N/A	mg/L	08/14/18	08/14/18	1833112	
pH (Field)	Field	**8.22**		N/A	pH Units	08/14/18	08/14/18	1833112	
Temperature (Field)	Field	**25.9**		N/A	°C	08/14/18	08/14/18	1833112	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**15.0**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Bromoform	EPA 524.2	**16.2**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Chloroform (Trichloromethane)	EPA 524.2	**6.0**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Dibromochloromethane	EPA 524.2	**15.4**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Total Trihalomethanes (TTHM)	EPA 524.2	**52.6**	1.0	80	ug/L	08/16/18	08/17/18	1833177	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*75 %*				*08/16/18*	*08/17/18*	*1833177*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*84 %*				*08/16/18*	*08/17/18*	*1833177*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**5.8**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Dichloroacetic Acid	EPA 552.2	**4.6**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Trichloroacetic Acid	EPA 552.2	**2.2**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Total Haloacetic Acids (HAA5)	EPA 552.2	**12.6**	1.0	60	ug/L	08/17/18	08/17/18	1833148	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*98 %*				*08/17/18*	*08/17/18*	*1833148*	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18H1368
Received: 08/14/18 16:00
Reported: 08/22/18

2450 W. 247th St. **18H1368-03 (Water)** **Sample Date:** 08/14/18 8:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**1.21**		N/A	mg/L	08/14/18	08/14/18	1833112	
pH (Field)	Field	**8.07**		N/A	pH Units	08/14/18	08/14/18	1833112	
Temperature (Field)	Field	**26.6**		N/A	°C	08/14/18	08/14/18	1833112	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**13.9**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Bromoform	EPA 524.2	**15.3**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Chloroform (Trichloromethane)	EPA 524.2	**5.7**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Dibromochloromethane	EPA 524.2	**14.3**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Total Trihalomethanes (TTHM)	EPA 524.2	**49.2**	1.0	80	ug/L	08/16/18	08/17/18	1833177	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*68 %*				*08/16/18*	*08/17/18*	*1833177*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*77 %*				*08/16/18*	*08/17/18*	*1833177*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**5.7**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Dichloroacetic Acid	EPA 552.2	**3.9**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Trichloroacetic Acid	EPA 552.2	**2.2**	1.0	N/A	ug/L	08/17/18	08/17/18	1833148	
Total Haloacetic Acids (HAA5)	EPA 552.2	**11.8**	1.0	60	ug/L	08/17/18	08/17/18	1833148	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*92 %*				*08/17/18*	*08/17/18*	*1833148*	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18H1368
Received: 08/14/18 16:00
Reported: 08/22/18

26255 Appian Way **18H1368-04 (Water)** **Sample Date:** 08/14/18 7:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.1**		N/A	mg/L	08/14/18	08/14/18	1833112	
pH (Field)	Field	**8.55**		N/A	pH Units	08/14/18	08/14/18	1833112	
Temperature (Field)	Field	**24.2**		N/A	°C	08/14/18	08/14/18	1833112	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**8.3**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Bromoform	EPA 524.2	**3.9**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Chloroform (Trichloromethane)	EPA 524.2	**5.7**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Dibromochloromethane	EPA 524.2	**8.8**	1.0	N/A	ug/L	08/16/18	08/17/18	1833177	
Total Trihalomethanes (TTHM)	EPA 524.2	**26.7**	1.0	80	ug/L	08/16/18	08/17/18	1833177	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*69 %*				*08/16/18*	*08/17/18*	*1833177*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*79 %*				*08/16/18*	*08/17/18*	*1833177*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**1.6**	1.0	N/A	ug/L	08/17/18	08/18/18	1833148	
Dichloroacetic Acid	EPA 552.2	**3.0**	1.0	N/A	ug/L	08/17/18	08/18/18	1833148	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/17/18	08/18/18	1833148	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/17/18	08/18/18	1833148	
Trichloroacetic Acid	EPA 552.2	**1.6**	1.0	N/A	ug/L	08/17/18	08/18/18	1833148	
Total Haloacetic Acids (HAA5)	EPA 552.2	**6.2**	1.0	60	ug/L	08/17/18	08/18/18	1833148	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*97 %*				*08/17/18*	*08/18/18*	*1833148*	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1

Work Order: 18H1368
Report Date: 08/22/2018
Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

LOMITA-CITY, WATER DEPT. User ID: 4TH System: 1910073

SITE 1-26255 APPIAN WAY-STG2 DBP		Station No.: 1910073-800			Sampled: 180814 07:00
BROMODICHLORMETHANE (THM)	Result: 8.3	Units: UG/L	Entry No.: 32101		Analyzed: 180817
BROMOFORM (THM)	Result: 3.9	Units: UG/L	Entry No.: 32104		Analyzed: 180817
DIBROMOCHLOROMETHANE (THM)	Result: 8.8	Units: UG/L	Entry No.: 32105		Analyzed: 180817
CHLOROFORM (THM)	Result: 5.7	Units: UG/L	Entry No.: 32106		Analyzed: 180817
DICHLOROACETIC ACID (DCAA)	Result: 3.0	Units: UG/L	Entry No.: 77288		Analyzed: 180818
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 26.7	Units: UG/L	Entry No.: 82080		Analyzed: 180817
DIBROMOACETIC ACID (DBAA)	Result: 1.6	Units: UG/L	Entry No.: 82721		Analyzed: 180818
TRICHLOROACETIC ACID (TCAA)	Result: 1.6	Units: UG/L	Entry No.: 82723		Analyzed: 180818
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 180818
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 180818
HALOACETIC ACIDS (five) (HAA5)	Result: 6.2	Units: UG/L	Entry No.: A-049		Analyzed: 180818
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801			Sampled: 180814 07:20
BROMODICHLORMETHANE (THM)	Result: 9.0	Units: UG/L	Entry No.: 32101		Analyzed: 180817
BROMOFORM (THM)	Result: 4.0	Units: UG/L	Entry No.: 32104		Analyzed: 180817
DIBROMOCHLOROMETHANE (THM)	Result: 8.8	Units: UG/L	Entry No.: 32105		Analyzed: 180817
CHLOROFORM (THM)	Result: 6.0	Units: UG/L	Entry No.: 32106		Analyzed: 180817
DICHLOROACETIC ACID (DCAA)	Result: 3.1	Units: UG/L	Entry No.: 77288		Analyzed: 180817
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 27.8	Units: UG/L	Entry No.: 82080		Analyzed: 180817
DIBROMOACETIC ACID (DBAA)	Result: 1.6	Units: UG/L	Entry No.: 82721		Analyzed: 180817
TRICHLOROACETIC ACID (TCAA)	Result: 1.5	Units: UG/L	Entry No.: 82723		Analyzed: 180817
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 180817
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 180817
HALOACETIC ACIDS (five) (HAA5)	Result: 6.2	Units: UG/L	Entry No.: A-049		Analyzed: 180817
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802			Sampled: 180814 07:35
BROMODICHLORMETHANE (THM)	Result: 15.0	Units: UG/L	Entry No.: 32101		Analyzed: 180817
BROMOFORM (THM)	Result: 16.2	Units: UG/L	Entry No.: 32104		Analyzed: 180817
DIBROMOCHLOROMETHANE (THM)	Result: 15.4	Units: UG/L	Entry No.: 32105		Analyzed: 180817
CHLOROFORM (THM)	Result: 6.0	Units: UG/L	Entry No.: 32106		Analyzed: 180817
DICHLOROACETIC ACID (DCAA)	Result: 4.6	Units: UG/L	Entry No.: 77288		Analyzed: 180817
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 52.6	Units: UG/L	Entry No.: 82080		Analyzed: 180817
DIBROMOACETIC ACID (DBAA)	Result: 5.8	Units: UG/L	Entry No.: 82721		Analyzed: 180817
TRICHLOROACETIC ACID (TCAA)	Result: 2.2	Units: UG/L	Entry No.: 82723		Analyzed: 180817
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 180817
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 180817
HALOACETIC ACIDS (five) (HAA5)	Result: 12.6	Units: UG/L	Entry No.: A-049		Analyzed: 180817
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803			Sampled: 180814 08:45
BROMODICHLORMETHANE (THM)	Result: 13.9	Units: UG/L	Entry No.: 32101		Analyzed: 180817
BROMOFORM (THM)	Result: 15.3	Units: UG/L	Entry No.: 32104		Analyzed: 180817
DIBROMOCHLOROMETHANE (THM)	Result: 14.3	Units: UG/L	Entry No.: 32105		Analyzed: 180817
CHLOROFORM (THM)	Result: 5.7	Units: UG/L	Entry No.: 32106		Analyzed: 180817
DICHLOROACETIC ACID (DCAA)	Result: 3.9	Units: UG/L	Entry No.: 77288		Analyzed: 180817
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 49.2	Units: UG/L	Entry No.: 82080		Analyzed: 180817
DIBROMOACETIC ACID (DBAA)	Result: 5.7	Units: UG/L	Entry No.: 82721		Analyzed: 180817
TRICHLOROACETIC ACID (TCAA)	Result: 2.2	Units: UG/L	Entry No.: 82723		Analyzed: 180817
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 180817
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 180817
HALOACETIC ACIDS (five) (HAA5)	Result: 11.8	Units: UG/L	Entry No.: A-049		Analyzed: 180817

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

Clinical Laboratory of San Bernardino, Inc.

1841368

Chain of Custody

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717		
Phone #	(310) 903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*Lomita Distribution Monthy Compliance Samples, 2nd Week of August, 2018*	*YES*	
Comments		ELAP #	
Sampled by	P.M.	1088	

Date	Time	Sample Idenitification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	TTHM / HAA5				Comments
8/14/2018	0720	1912 W. 259th Pl	DW	see bottle	1D	8.54	2.00	26.4°	x				
8/14/2018	0735	1948 252nd St.	DW	see bottle	1D	8.22	3.40	25.9°	x				
8/14/2018	0845	2450 W.247th St.	DW	see bottle	1D	8.07	1.21	26.6°	x				
8/14/2018	0700	26255 Appian Way	DW	see bottle	1D	8.55	2.10	24.2°	x				

Preservatives: (1) $Na_2S_2O_3$ (2) HCl (3) HNO_3 (4) NH_4Cl
(5) H_2SO_4 (6) Na_2SO_3 (7) Cold (8) Other:_____

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (sign)*
Patrick McCue	Patrick McCue / City of Lomita	8/14/2018 / 1.30	
Chris Martinez	Chris Martinez	8-14-18 4:00	

Comments:_____

Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp 7 ( ) F (X) C

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

Clinical Laboratory of San Bernardino, Inc.

18 September 2018 Clinical Lab No.: 18I0961

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

Project Name: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018

Enclosed are the results of the analyses for samples received at the laboratory on 09/11/18 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

Stu Styles
Client Services Manager

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18I0961
Received: 09/11/18 15:00
Reported: 09/18/18

1912 W. 259th Pl **18I0961-01 (Water)** **Sample Date:** 09/11/18 7:50 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	09/11/18	09/11/18	1837102	
pH (Field)	Field	**8.54**		N/A	pH Units	09/11/18	09/11/18	1837102	
Temperature (Field)	Field	**23.5**		N/A	°C	09/11/18	09/11/18	1837102	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**5.0**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Bromoform	EPA 524.2	**3.9**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Chloroform (Trichloromethane)	EPA 524.2	**3.6**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Dibromochloromethane	EPA 524.2	**5.0**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Total Trihalomethanes (TTHM)	EPA 524.2	**17.5**	1.0	80	ug/L	09/14/18	09/15/18	1837148	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*99 %*				*09/14/18*	*09/15/18*	*1837148*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*100 %*				*09/14/18*	*09/15/18*	*1837148*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**2.3**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Dichloroacetic Acid	EPA 552.2	**2.8**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Total Haloacetic Acids (HAA5)	EPA 552.2	**5.1**	1.0	60	ug/L	09/13/18	09/14/18	1837081	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*112 %*				*09/13/18*	*09/14/18*	*1837081*	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18I0961
Received: 09/11/18 15:00
Reported: 09/18/18

1948 252nd St. **18I0961-02 (Water)** **Sample Date:** 09/11/18 8:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**3.7**		N/A	mg/L	09/11/18	09/11/18	1837102	
pH (Field)	Field	**8.09**		N/A	pH Units	09/11/18	09/11/18	1837102	
Temperature (Field)	Field	**24.2**		N/A	°C	09/11/18	09/11/18	1837102	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**15.2**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Bromoform	EPA 524.2	**17.1**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Chloroform (Trichloromethane)	EPA 524.2	**6.4**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Dibromochloromethane	EPA 524.2	**14.8**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Total Trihalomethanes (TTHM)	EPA 524.2	**53.5**	1.0	80	ug/L	09/14/18	09/15/18	1837148	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*100 %*				*09/14/18*	*09/15/18*	*1837148*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*101 %*				*09/14/18*	*09/15/18*	*1837148*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**6.8**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Dichloroacetic Acid	EPA 552.2	**4.3**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Trichloroacetic Acid	EPA 552.2	**2.0**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Total Haloacetic Acids (HAA5)	EPA 552.2	**13.1**	1.0	60	ug/L	09/13/18	09/14/18	1837081	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*112 %*				*09/13/18*	*09/14/18*	*1837081*	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18I0961
Received: 09/11/18 15:00
Reported: 09/18/18

2450 W. 247th St. **18I0961-03 (Water)** **Sample Date:** 09/11/18 8:50 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**0.8**		N/A	mg/L	09/11/18	09/11/18	1837102	
pH (Field)	Field	**7.96**		N/A	pH Units	09/11/18	09/11/18	1837102	
Temperature (Field)	Field	**24.6**		N/A	°C	09/11/18	09/11/18	1837102	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**16.0**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Bromoform	EPA 524.2	**15.3**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Chloroform (Trichloromethane)	EPA 524.2	**7.1**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Dibromochloromethane	EPA 524.2	**16.3**	1.0	N/A	ug/L	09/14/18	09/15/18	1837148	
Total Trihalomethanes (TTHM)	EPA 524.2	**54.7**	1.0	80	ug/L	09/14/18	09/15/18	1837148	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*101 %*				*09/14/18*	*09/15/18*	*1837148*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*108 %*				*09/14/18*	*09/15/18*	*1837148*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**6.1**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Dichloroacetic Acid	EPA 552.2	**3.6**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Trichloroacetic Acid	EPA 552.2	**2.0**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Total Haloacetic Acids (HAA5)	EPA 552.2	**11.7**	1.0	60	ug/L	09/13/18	09/14/18	1837081	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*111 %*				*09/13/18*	*09/14/18*	*1837081*	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Distrib. Sample Monthly Compliance 2018
Project Manager: Mark Andersen

Work Order: 18I0961
Received: 09/11/18 15:00
Reported: 09/18/18

26255 Appian Way **18I0961-04 (Water)** **Sample Date:** 09/11/18 7:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.3**		N/A	mg/L	09/11/18	09/11/18	1837102	
pH (Field)	Field	**8.56**		N/A	pH Units	09/11/18	09/11/18	1837102	
Temperature (Field)	Field	**23.7**		N/A	°C	09/11/18	09/11/18	1837102	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**6.0**	1.0	N/A	ug/L	09/14/18	09/16/18	1837148	
Bromoform	EPA 524.2	**3.4**	1.0	N/A	ug/L	09/14/18	09/16/18	1837148	
Chloroform (Trichloromethane)	EPA 524.2	**4.1**	1.0	N/A	ug/L	09/14/18	09/16/18	1837148	
Dibromochloromethane	EPA 524.2	**5.2**	1.0	N/A	ug/L	09/14/18	09/16/18	1837148	
Total Trihalomethanes (TTHM)	EPA 524.2	**18.7**	1.0	80	ug/L	09/14/18	09/16/18	1837148	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*94 %*				*09/14/18*	*09/16/18*	*1837148*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*92 %*				*09/14/18*	*09/16/18*	*1837148*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**2.0**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Dichloroacetic Acid	EPA 552.2	**2.8**	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	09/13/18	09/14/18	1837081	
Total Haloacetic Acids (HAA5)	EPA 552.2	**4.8**	1.0	60	ug/L	09/13/18	09/14/18	1837081	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*106 %*				*09/13/18*	*09/14/18*	*1837081*	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1

Work Order: 18I0961
Report Date: 09/18/2018
Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

LOMITA-CITY, WATER DEPT. User ID: 4TH System: 1910073

SITE 1-26255 APPIAN WAY-STG2 DBP		Station No.: 1910073-800			Sampled: 180911 07:30
BROMODICHLORMETHANE (THM)	Result: 6.0	Units: UG/L	Entry No.: 32101	Analyzed: 180916	
BROMOFORM (THM)	Result: 3.4	Units: UG/L	Entry No.: 32104	Analyzed: 180916	
DIBROMOCHLOROMETHANE (THM)	Result: 5.2	Units: UG/L	Entry No.: 32105	Analyzed: 180916	
CHLOROFORM (THM)	Result: 4.1	Units: UG/L	Entry No.: 32106	Analyzed: 180916	
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 180914	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 18.7	Units: UG/L	Entry No.: 82080	Analyzed: 180916	
DIBROMOACETIC ACID (DBAA)	Result: 2.0	Units: UG/L	Entry No.: 82721	Analyzed: 180914	
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 180914	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180914	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180914	
HALOACETIC ACIDS (five) (HAA5)	Result: 4.8	Units: UG/L	Entry No.: A-049	Analyzed: 180914	
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801			Sampled: 180911 07:50
BROMODICHLORMETHANE (THM)	Result: 5.0	Units: UG/L	Entry No.: 32101	Analyzed: 180915	
BROMOFORM (THM)	Result: 3.9	Units: UG/L	Entry No.: 32104	Analyzed: 180915	
DIBROMOCHLOROMETHANE (THM)	Result: 5.0	Units: UG/L	Entry No.: 32105	Analyzed: 180915	
CHLOROFORM (THM)	Result: 3.6	Units: UG/L	Entry No.: 32106	Analyzed: 180915	
DICHLOROACETIC ACID (DCAA)	Result: 2.8	Units: UG/L	Entry No.: 77288	Analyzed: 180914	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 17.5	Units: UG/L	Entry No.: 82080	Analyzed: 180915	
DIBROMOACETIC ACID (DBAA)	Result: 2.3	Units: UG/L	Entry No.: 82721	Analyzed: 180914	
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 180914	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180914	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180914	
HALOACETIC ACIDS (five) (HAA5)	Result: 5.1	Units: UG/L	Entry No.: A-049	Analyzed: 180914	
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802			Sampled: 180911 08:00
BROMODICHLORMETHANE (THM)	Result: 15.2	Units: UG/L	Entry No.: 32101	Analyzed: 180915	
BROMOFORM (THM)	Result: 17.1	Units: UG/L	Entry No.: 32104	Analyzed: 180915	
DIBROMOCHLOROMETHANE (THM)	Result: 14.8	Units: UG/L	Entry No.: 32105	Analyzed: 180915	
CHLOROFORM (THM)	Result: 6.4	Units: UG/L	Entry No.: 32106	Analyzed: 180915	
DICHLOROACETIC ACID (DCAA)	Result: 4.3	Units: UG/L	Entry No.: 77288	Analyzed: 180914	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 53.5	Units: UG/L	Entry No.: 82080	Analyzed: 180915	
DIBROMOACETIC ACID (DBAA)	Result: 6.8	Units: UG/L	Entry No.: 82721	Analyzed: 180914	
TRICHLOROACETIC ACID (TCAA)	Result: 2.0	Units: UG/L	Entry No.: 82723	Analyzed: 180914	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180914	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180914	
HALOACETIC ACIDS (five) (HAA5)	Result: 13.1	Units: UG/L	Entry No.: A-049	Analyzed: 180914	
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803			Sampled: 180911 08:50
BROMODICHLORMETHANE (THM)	Result: 16.0	Units: UG/L	Entry No.: 32101	Analyzed: 180915	
BROMOFORM (THM)	Result: 15.3	Units: UG/L	Entry No.: 32104	Analyzed: 180915	
DIBROMOCHLOROMETHANE (THM)	Result: 16.3	Units: UG/L	Entry No.: 32105	Analyzed: 180915	
CHLOROFORM (THM)	Result: 7.1	Units: UG/L	Entry No.: 32106	Analyzed: 180915	
DICHLOROACETIC ACID (DCAA)	Result: 3.6	Units: UG/L	Entry No.: 77288	Analyzed: 180914	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 54.7	Units: UG/L	Entry No.: 82080	Analyzed: 180915	
DIBROMOACETIC ACID (DBAA)	Result: 6.1	Units: UG/L	Entry No.: 82721	Analyzed: 180914	
TRICHLOROACETIC ACID (TCAA)	Result: 2.0	Units: UG/L	Entry No.: 82723	Analyzed: 180914	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 180914	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 180914	
HALOACETIC ACIDS (five) (HAA5)	Result: 11.7	Units: UG/L	Entry No.: A-049	Analyzed: 180914	

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

18I0961

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717		
Phone #	(310) 903-2243	Destination Laboratory	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*Lomita Distribution Monthy Compliance Samples, 2nd Week of September, 2018*	*YES*	
		ELAP #	
Comments	TTHM's / HAA's	1088	
Sampled by	P.M.		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	TTHM / HAAS				Comments
9/11/2018	0750	1912 W. 259th Pl	DW	see bottle	1D	8.54	2.30	23.5°	x				
9/11/2018	0800	1948 252nd St.	DW	see bottle	1D	8.09	3.70	24.2°	x				
9/11/2018	0850	2450 W.247th St.	DW	see bottle	1D	7.96	0.80	24.6°	x				
9/11/2018	0730	26255 Appian Way	DW	see bottle	1D	8.56	2.30	23.7°	x				

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

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

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (sign)*
Patrick McCue	Patrick McCue / City of Lomita	9/11/2018 / 1:00	Chris Martinez
Chris Martinez	Chris Martinez	9-11-18 3:00	

Comments:_____

Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp 8 ( ) F (X) C

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