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	DECEMBER	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 Anderson	Public Works Superintendent	1/10/2019

Comments: No groundwater source

1. Routine samples include:
   a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.
   b. Extra samples are required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;
   c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and do not practice filtration in compliance with regulations;
2. Note: For a repeat sample following a total coliform positive sample, any fecal/*E.coli* positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
3. Note: For repeat sample following a fecal/*E.coli* positive sample, any total coliform positive repeat (boxed entry) **constitutes an MCL violation and requires immediate notification to the Department** (22, CCR, Section 64426.1).
4. Total coliform MCL **(Notify Department within 24 hours of MCL violation):**
   a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
   b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the MCL is violated.
5. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.
6. Repeat samples must be collected within 24 hours of being notified of the positive results. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. For systems collecting one or fewer routine samples per month, four repeat samples must be collected for each total coliform positive sample.
7. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.
8. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E.coli*, enterococci, or coliphage positive triggered sample (boxed entry) **requires immediate notification to the Department, Tier 1 public notification, and corrective action.**

CITY OF LOMITA
MONTHLY CHLORINE RESIDUAL SUMMARY

Nov-18

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	11/6/2018	7:55 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	11/6/2018	7:50 AM	2.10	A	A	3
13-3 1948 W. 252nd St.	11/6/2018	8:15 AM	3.60	A	A	1
13-4 24632 S. Moon Ave.	11/6/2018	8:45 AM	3.60	A	A	1
13-5 2500 PCH	11/6/2018	9:20 AM	2.10	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	11/13/2018	8:00 AM	2.01	A	A	2
13-2 26314 S. Monte Vta.	11/13/2018	7:50 AM	1.97	A	A	3
13-3 1948 W. 252nd St.	11/13/2018	8:20 AM	3.50	A	A	1
13-4 24632 S. Moon Ave.	11/13/2018	9:05 AM	3.50	A	A	1
13-5 2500 PCH	11/13/2018	9:35 AM	1.87	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	11/20/2018	7:30 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	11/20/2018	7:25 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	11/20/2018	7:40 AM	3.40	A	A	1
13-4 24632 S. Moon Ave.	11/20/2018	8:05 AM	3.30	A	A	1
13-5 2500 PCH	11/20/2018	8:30 AM	2.20	A	A	2
Location						Zone
13-1 1912 W. 259th Pl.	11/27/2018	7:15 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	11/27/2018	7:05 AM	2.00	A	A	3
13-3 1948 W. 252nd St.	11/27/2018	7:30 AM	2.80	A	A	1
13-4 24632 S. Moon Ave.	11/27/2018	7:55 AM	2.90	A	A	1
13-5 2500 PCH	11/27/2018	8:15 AM	2.10	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	2.58

SIGNATURE: _____

Mark Andersen, Public Works Superintendent

Dec-18

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	12/4/2018	8:55 AM	2.10	A	A	2
13-2 26314 S. Monte Vta.	12/4/2018	8:45 AM	2.10	A	A	3
13-3 1948 W. 252nd St.	12/4/2018	8:15 AM	3.10	A	A	1
13-4 24632 S. Moon Ave.	12/4/2018	9:20 AM	3.30	A	A	1
13-5 2500 PCH	12/4/2018	9:40 AM	2.10	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	12/11/2018	10:25 AM	1.97	A	A	2
13-2 26314 S. Monte Vta.	12/11/2018	10:20 AM	2.00	A	A	3
13-3 1948 W. 252nd St.	12/11/2018	10:40 AM	2.90	A	A	1
13-4 24632 S. Moon Ave.	12/11/2018	11:05 AM	2.70	A	A	1
13-5 2500 PCH	12/11/2018	11:35 AM	2.10	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	12/18/2018	8:25 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	12/18/2018	8:15 AM	2.00	A	A	3
13-3 1948 W. 252nd St.	12/18/2018	8:30 AM	2.70	A	A	1
13-4 24632 S. Moon Ave.	12/18/2018	9:25 AM	2.60	A	A	1
13-5 2500 PCH	12/18/2018	9:45 AM	2.20	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	12/27/2018	7:50 AM	1.84	A	A	2
13-2 26314 S. Monte Vta.	12/27/2018	8:00 AM	1.71	A	A	3
13-3 1948 W. 252nd St.	12/27/2018	8:20 AM	3.20	A	A	1
13-4 24632 S. Moon Ave.	12/27/2018	9:00 AM	3.10	A	A	1
13-5 2500 PCH	12/27/2018	9:20 AM	1.70	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.						2
13-2 26314 S. Monte Vta.						3
13-3 1948 W. 252nd St.						1
13-4 24632 S. Moon Ave.						1
13-5 2500 PCH						2

Average	2.38

DATE: 1/10/2019

CITY OF LOMITA

RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE

System Name CITY OF LOMITA

System No. 1910073 Month: DECMBER 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	12/11/2018	Absent	Absent

COMMENTS:

Signature	Date
Mark Andersen, Public Works Superintendent	1/10/2019

CITY OF LOMITA
PUBLIC WORKS DEPARTMENT

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

SYSTEM NO: **1910073** MONTH: **DECEMBER** 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	1 NEG	1 NEG	1 NEG
TOTAL	1	1	1	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: 1/10/2019

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: **DECEMBER** 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 / Total No. residual and/or HPC samples collected X 100 =	100
Meets Standard (i.e. V > 95%) (Y/N)?	**Y**

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	1	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: 1/10/2019

Mark Andersen, Public Works Superintendent

CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY

Nov-18

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	11/6/2018	7:55 AM	ND	1	ND	8.14	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	11/6/2018	8:45 AM	ND	2	ND	7.7	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	11/13/2018	8:20 AM	ND	2	ND	7.76	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	11/13/2018	9:35 AM	ND	1	0.1	8.14	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	11/20/2018	7:25 AM	ND	1	ND	8.13	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	11/20/2018	8:05 AM	ND	2	0.1	7.74	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	11/27/2018	7:15 AM	ND	1	ND	8.11	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	11/27/2018	8:15 AM	ND	1	ND	8.05	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

Dec-18

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	12/4/2018	8:55 AM	ND	1	ND	8.27	2
13-2 26314 S. Monte Vta.	12/4/2018	8:45 AM	ND	1	ND	8.26	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.	12/11/2018	10:40 AM	ND	2	ND	7.87	1
13-4 24632 S. Moon Ave.	12/11/2018	11:05 AM	ND	2	ND	7.78	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	12/18/2018	8:15 AM	ND	1	ND	8.17	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	12/18/2018	9:45 AM	ND	1	ND	8.16	2
Location							Zone
13-1 1912 W. 259th Pl.	12/27/2018	7:50 AM	ND	1	ND	8.21	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	12/27/2018	8:20 AM	ND	2	ND	7.89	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

SIGNATURE: _____

Mark Andersen, Public Works Superintendent

DATE: 1/10/2019

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

Water System Name: Lomita City- Water Department

System No. 1910073

	TTHM (ppb)							
	Monitoring Periods				LRAA (TTHM)	Meets Standard ? (Y/N)	OEL (TTHM)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current Qtr)				
Sample Date (month/date/year):	*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*	*10/16/18, 11/13/18, 12/11/18*				
S13-011 (13SM1) 26255 Appian Way, Lomita Z2	21.0	19.2	20.6	22.5	20.8	Y	21.2	N
S13-001 (13SM2) 1912 259th Pl., Lomita Z2	22.0	20.6	20.3	23.7	21.7	Y	22.1	N
S13-003 (13-3) 1948 252nd St., Lomita Z1	68.4	47.4	51.7	64.7	58.1	Y	57.1	N
S13-008 (13SM4) 2450 West 247th St., Lomita Z1	55.8	41.3	50.7	66.0	53.5	Y	56.0	N

Comments: MP4 results for the Fourth Quarter of 2018 were calculated based on weighted average of the results for samples collected on October 16th, November 13th, and December 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 1/10/2019

STAGE 2 DISINFECTION BYPRODUCT RULE
HALOACETIC ACIDS (HAA5)
4TH 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):	*1/10/18, 2/14/18, 3/14/18*	*4/8/18, 5/9/18, 6/13/18*	*7/10/18, 8/14/18, 9/11/18*	*10/16/18, 11/13/18, 12/11/18*				
S13-011 (13SM1) 26255 Appian Way, Lomta Z2	6.6	5.2	4.9	4.7	5.4	Y	4.9	N
S13-001 (13SM2) 1912 259th Pl., Lomita Z2	6.4	5.7	5.4	5.3	5.7	Y	5.4	N
S13-003 (13-3) 1948 252nd St., Lomita Z1	15.7	10.5	12.2	13.3	12.9	Y	12.3	N
S13-008 (13SM4) 2450 West 247th St., Lomita Z1	10.4	9.4	11.4	13.0	11.1	Y	11.7	N

Comments: MP4 results for the Fourth Quarter of 2018 were calculated based on weighted average of the results for samples collected on October 16th, November 13th, and December 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 1/10/2019

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

System Name: CITY OF LOMITA System No.: 1910073

Calendar Year: 2018 Quarter: 4th

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	25	2.52
	November	20	2.58
	December	20	2.38
Running Annual Average (RAA):			2.50
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl_2)			☑ Yes ☐ No

Comments:

Signature: Date: 1/10/2019

Mark Andersen, Public Works Superintendent

[1] MONTHLY NITRIFICATION MONITORING SUMMARY REPORT

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

#	Code	Sample ID	Location	Sample Date	Temp	pH	Total Chlorine	Free Chlorine	Total Ammonia	Free Ammonia	Nitrite	Nitrate	Coliform [2]	HPC	Zone	Comments
Units/Others →				MM/DD/YYYY	°C		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	P/A	CFU/ml		
1	D	S13-003	1948 W 252nd St	12/4/2018	18.8	8.00	3.10	0.03	0.62	0.07	0.004	ND	A	ND	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	12/4/2018	18.8	7.82	3.30	0.02	0.55	0.09	0.007	ND	A	4	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	12/4/2018	19.3	7.83	3.30	0.07	0.50	0.07	0.005	ND	A	9	1	WELL/MWD blend
4	D	A	2052 Dawn St	12/4/2018	19.3	7.82	1.73	0.02	0.34	0.13	0.016	ND	A	19	1	WELL/MWD blend
5	D		Reservoir	12/4/2018	18.7	7.87	3.16	0.04	0.35	0.04	0.005	ND	A	3.0	1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	12/4/2018	17.8	8.27	2.10	0.03	0.38	0.10	0.023	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	12/4/2018	17.5	8.26	2.10	0.07	0.47	0.07	0.016	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	12/4/2018	18.8	8.21	2.10	0.03	0.36	0.07	0.033	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	12/11/2018	19.1	7.87	2.90	0.07	0.39	0.00	0.002	ND	A	ND	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	12/11/2018	19.3	7.78	2.70	0.03	0.48	0.06	0.006	ND	A	3	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	12/11/2018	19.6	7.79	3.20	0.09	0.46	0.05	0.007	ND	A	10	1	WELL/MWD blend
4	D	A	2052 Dawn St	12/11/2018	19.9	7.77	1.62	0.06	0.09	0.10	0.032	ND	A	73	1	WELL/MWD blend
5	D		Reservoir	12/11/2018	19.4	7.86	2.93	0.07	0.52	0.17	0.004	ND	A	ND	1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	12/11/2018	17.8	8.02	1.97	0.06	0.42	0.06	0.022	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	12/11/2018	17.8	8.03	2.00	0.05	0.33	0.05	0.013	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	12/11/2018	18.8	8.00	2.10	0.06	0.42	0.05	0.022	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	12/18/2018	18.2	7.83	2.70	0.04	0.41	0.06	0.006	ND	A	ND	1	WELL/MWD blend
2	D	S13-004	24632 S Moon Ave	12/18/2018	18.6	7.78	2.60	0.03	0.41	0.05	0.015	ND	A	2	1	WELL/MWD blend
3	D	S13-008	25417 Pennsylvania Ave	12/18/2018	18.9	7.79	3.00	0.06	0.52	0.05	0.014	ND	A	61	1	WELL/MWD blend
4	D	A	2052 Dawn St	12/18/2018	18.7	7.74	1.48	0.08	0.18	0.19	0.041	ND	A	370	1	WELL/MWD blend
5	D		Reservoir	12/18/2018	19.7	7.81	2.85	0.03	0.48	0.00	0.010	ND	A	ND	1	WELL/MWD blend
6	D	S13-001	1912 W 259th Pl	12/18/2018	16.6	8.18	2.20	0.04	0.40	0.09	0.017	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	12/18/2018	16.0	8.17	2.00	0.08	0.34	0.10	0.014	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	12/18/2018	18.1	8.16	2.20	0.02	0.43	0.09	0.032	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St	12/27/2018	16.8	7.89	3.20	0.04	0.05	0.62	0.022	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	12/27/2018	17.6	7.83	3.10	0.03	0.11	0.37	0.021	ND	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	12/27/2018	18.0	7.86	3.40	0.04	0.00	0.37	0.013	ND	A	27	1	Well/MWD Blend
4	D	A	2052 Dawn St	12/27/2018	17.5	7.80	1.68	0.02	0.09	0.39	0.070	0.41	A	480	1	Well/MWD Blend
5	D		Reservoir	12/27/2018	18.0	7.94	3.21	0.03	0.05	0.64	0.005	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th Pl	12/27/2018	14.4	8.21	1.84	0.02	0.06	0.42	0.018	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	12/27/2018	15.2	8.18	1.71	0.04	0.07	0.39	0.011	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	12/27/2018	17.0	8.16	1.70	0.04	0.08	0.36	0.021	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W 252nd St												1	
2	D	S13-004	24632 S Moon Ave												1	
3	D	S13-008	25417 Pennsylvania Ave												1	
4	D	A	2052 Dawn St												1	
5	D		Reservoir												1	
6	D	S13-001	1912 W 259th Pl												2	
7	D	S13-002	26314 S Monte Vista Ave												3	
8	D	S13-005	2500 PCH												2	

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

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

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.

09 December 2018 Clinical Lab No.: 18L0258

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

Project Name: Standard Analysis
Sub Project: Weekly Distribution Samples: 1st Week Dec. 2018

Enclosed are the results of the analyses for samples received at the laboratory on 12/04/18 . 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
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution Samples: 1st Week Dec. 2018
Project Manager: Mark Andersen

Work Order: 18L0258
Received: 12/04/18 18:36
Reported: 12/09/18

1912 259th St. (S13-001 Zone:2) **18L0258-01 (Water)** **Sample Date:** 12/04/18 8:55 **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	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**2.1**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**8.27**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**17.8**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/04/18	12/04/18	1849122	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	12/04/18	12/04/18	1849122	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/04/18	12/04/18	1849122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/05/18	1849070	

26314 Monte Vista (S13-002 Zone: 3) **18L0258-02 (Water)** **Sample Date:** 12/04/18 8:45 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.07**		N/A	mg/L	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**2.1**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**8.26**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**17.5**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/04/18	12/04/18	1849122	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	12/04/18	12/04/18	1849122	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/04/18	12/04/18	1849122	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/05/18	1849070	

Lomita, City of	Project: Standard Analysis	Work Order: 18L0258
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples: 1st Week Dec. 2018	Received: 12/04/18 18:36
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/09/18

1948 W 252nd St (S13-003 Zone 1) **18L0258-03 (Water)** **Sample Date:** 12/04/18 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	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**3.1**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**8**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**18.8**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/05/18	1849070	

24632 S. Moon Ave. (S13-004 Zone: 1) **18L0258-04 (Water)** **Sample Date:** 12/04/18 9:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.02**		N/A	mg/L	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**3.3**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**7.82**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**18.8**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	**4**	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/05/18	1849070	

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: 18L0258
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples: 1st Week Dec. 2018	Received: 12/04/18 18:36
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/09/18

2500 PCH (S13-005 Zone: 2) **18L0258-05 (Water)** **Sample Date:** 12/04/18 9:40 **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	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**2.1**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**8.21**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**18.8**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/05/18	1849070	

25417 Pennsylvania Ave (S13-008 Zone:1) **18L0258-06 (Water)** **Sample Date:** 12/04/18 9:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.07**		N/A	mg/L	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**3.3**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**7.83**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**19.3**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	**9**	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/05/18	1849070	

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: Weekly Distribution Samples: 1st Week Dec. 2018
Project Manager: Mark Andersen

Work Order: 18L0258
Received: 12/04/18 18:36
Reported: 12/09/18

2052 Dawn St (A Zone 1) **18L0258-07 (Water)** **Sample Date:** 12/04/18 9:05 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.02**		N/A	mg/L	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**1.73**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**7.82**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**19.3**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	**19**	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/05/18	1849070	

CWPF SP5 **18L0258-08 (Water)** **Sample Date:** 12/04/18 10:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	12/04/18	12/04/18	1849098	
Cl Res Total (Field)	Field	**3.16**		N/A	mg/L	12/04/18	12/04/18	1849098	
pH (Field)	Field	**7.87**		N/A	pH Units	12/04/18	12/04/18	1849098	
Temperature (Field)	Field	**18.7**		N/A	°C	12/04/18	12/04/18	1849098	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
E. Coli	SM 9223	A		N/A	P/A	12/04/18	12/05/18	1849117	
Plate Count	SM9215B	**3**	1	500	CFU/ml	12/04/18	12/06/18	1849135	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/05/18	12/06/18	1849070	

HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

1802258

Chain of Custody

8/2/18

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 December, 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		
12/4/2018	0855	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	17.8°	0.03	8.27	2.1	x	x	x		
12/4/2018	0845	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	17.5°	0.07	8.26	2.1	x	x	x		
12/4/2018	0815	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	18.8°	0.03	8.00	~~1.6~~ 3.1	x		x		
12/4/2018	0920	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	18.8°	0.02	7.82	3.3	x		x		
12/4/2018	0940	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	18.9°	0.03	8.21	2.1	x		x		
12/4/2018	0930	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	19.3°	0.07	7.83	3.3	x		x		
12/4/2018	0905	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	19.3°	0.02	7.82	1.73	x		x		
12/4/2018	1015	CWPF SP5	DW	1,7	1D	8	18.7°	0.04	7.87	3.16	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	12/4/2018 1140	
D Chaparro	D Chaparro / CLSB	" 636	D Chaparro / CLSB

Samples received: (X) On ice (X) Intact ( ) Custody seals Temp 7.0 ( ) F ( ) C

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

Clinical Laboratory of San Bernardino, Inc.

17 December 2018 Clinical Lab No.: 18L0895

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

Project Name: Standard Analysis
Sub Project: Weekly Distribution Samples: 2nd Week Dec. 2018

Enclosed are the results of the analyses for samples received at the laboratory on 12/11/18 . 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: Standard Analysis	Work Order: 18L0895
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples: 2nd Week Dec. 2018	Received: 12/11/18 19:25
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/17/18

1912 259th St. (S13-001 Zone:2) **18L0895-01 (Water)** **Sample Date:** 12/11/18 10:25 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**1.97**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**8.02**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**17.8**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

26314 Monte Vista (S13-002 Zone: 3) **18L0895-02 (Water)** **Sample Date:** 12/11/18 10:20 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**2**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**8.03**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**17.8**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

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: Weekly Distribution Samples: 2nd Week Dec. 2018
Project Manager: Mark Andersen

Work Order: 18L0895
Received: 12/11/18 19:25
Reported: 12/17/18

1948 W 252nd St (S13-003 Zone 1) **18L0895-03 (Water)** **Sample Date:** 12/11/18 10:40 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**2.9**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**7.87**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**19.1**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/11/18	12/11/18	1850101	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	12/11/18	12/11/18	1850101	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/11/18	12/11/18	1850101	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

24632 S. Moon Ave. (S13-004 Zone: 1) **18L0895-04 (Water)** **Sample Date:** 12/11/18 11:05 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**2.7**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**7.78**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**19.3**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	**3**	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/11/18	12/11/18	1850101	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	12/11/18	12/11/18	1850101	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/11/18	12/11/18	1850101	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

Lomita, City of	Project: Standard Analysis	Work Order: 18L0895
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples: 2nd Week Dec. 2018	Received: 12/11/18 19:25
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/17/18

2500 PCH (S13-005 Zone: 2) **18L0895-05 (Water)** **Sample Date:** 12/11/18 11:35 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**2.1**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**8**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**18.8**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

25417 Pennsylvania Ave (S13-008 Zone:1) **18L0895-06 (Water)** **Sample Date:** 12/11/18 11:25 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**3.2**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**7.79**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**19.6**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	**10**	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

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: Weekly Distribution Samples: 2nd Week Dec. 2018
Project Manager: Mark Andersen

Work Order: 18L0895
Received: 12/11/18 19:25
Reported: 12/17/18

2052 Dawn St (A Zone 1) **18L0895-07 (Water)** **Sample Date:** 12/11/18 10:50 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**1.62**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**7.77**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**19.9**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	**73**	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

CWPF SP5 **18L0895-08 (Water)** **Sample Date:** 12/11/18 12:30 **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	12/11/18	12/11/18	1850086	
Cl Res Total (Field)	Field	**2.93**		N/A	mg/L	12/11/18	12/11/18	1850086	
pH (Field)	Field	**7.86**		N/A	pH Units	12/11/18	12/11/18	1850086	
Temperature (Field)	Field	**19.4**		N/A	°C	12/11/18	12/11/18	1850086	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/11/18	12/13/18	1850137	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/12/18	12/12/18	1850081	

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

18L0895

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

8/2/18

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

Analysis Requested

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		
12/11/2018	1025	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	17.8°	0.06	8.02	1.97	x		x		
12/11/2018	1020	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	17.8°	0.05	8.03	2.00	x		x		
12/11/2018	1040	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	19.1°	0.07	7.87	2.9	x	x	x		
12/11/2018	1105	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	19.3°	0.03	7.78	2.7	x	x	x		
12/11/2018	1135	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	18.8°	0.06	8.00	2.1	x		x		
12/11/2018	1125	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	19.6°	0.09	7.79	3.2	x		x		
12/11/2018	1050	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	19.9°	0.06	7.77	1.62	x		x		
12/11/2018	1230	CWPF SP5	DW	1,7	1D	8	19.4°	0.07	7.86	2.93	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	12/11/2018 256	[signature] / DChaparro / LLSB
[signature]	DChaparro / LLSB	" 725	HF / [signature]

Samples received: (X) On ice (X) Intact ( ) Custody seals Temp 9.2 ( ) F ( ) C

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

Page 1 of 1

Clinical Laboratory of San Bernardino, Inc.

27 December 2018 Clinical Lab No.: 18L1509

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

Project Name: Standard Analysis
Sub Project: Weekly Distribution Samples:3rd Week of December,

Enclosed are the results of the analyses for samples received at the laboratory on 12/18/18 . 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	Project: Standard Analysis	Work Order:	18L1509
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples:3rd Week of December,	Received:	12/18/18 05:56
Lomita CA, 91717	Project Manager: Mark Andersen	Reported:	12/27/18

1912 W. 259th St. (S13-001 Zone: 2) **18L1509-01 (Water)** **Sample Date:** 12/18/18 8:25 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**8.18**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**16.6**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

26314 Monte Vista (S13-002 Zone:3) **18L1509-02 (Water)** **Sample Date:** 12/18/18 8:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.08**		N/A	mg/L	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**2**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**8.17**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**16**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/18/18	12/18/18	1851119	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	12/18/18	12/18/18	1851119	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/18/18	12/18/18	1851119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

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Lomita, City of	Project: Standard Analysis	Work Order: 18L1509
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples:3rd Week of December,	Received: 12/18/18 05:56
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/27/18

1948 W. 252nd St. (S13-003 Zone: 1) **18L1509-03 (Water)** **Sample Date:** 12/18/18 8:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**2.7**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**7.83**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**18.2**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

24632 S. Moon Ave. (S13-004 Zone:1) **18L1509-04 (Water)** **Sample Date:** 12/18/18 9:25 **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	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**2.6**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**7.78**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**18.6**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	**2**	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

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Lomita, City of	Project: Standard Analysis	Work Order: 18L1509
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples:3rd Week of December,	Received: 12/18/18 05:56
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/27/18

2500 PCH (S-13-005 Zone:2) **18L1509-05 (Water)** **Sample Date:** 12/18/18 9:45 **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	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**8.16**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**18.1**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/18/18	12/18/18	1851119	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	12/18/18	12/18/18	1851119	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/18/18	12/18/18	1851119	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

25417 Pennsylvania Ave (S13-008 Zone:1) **18L1509-06 (Water)** **Sample Date:** 12/18/18 9:30 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.06**		N/A	mg/L	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**3**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**7.79**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**18.9**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	**61**	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

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: 18L1509
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples:3rd Week of December,	Received: 12/18/18 05:56
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/27/18

2052 Dawn St (A Zone:1) **18L1509-07 (Water)** **Sample Date:** 12/18/18 9:10 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.08**		N/A	mg/L	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**1.48**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**7.74**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**18.7**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	**370**	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

CWPF SP5 **18L1509-08 (Water)** **Sample Date:** 12/18/18 10:50 **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	12/18/18	12/18/18	1851082	
Cl Res Total (Field)	Field	**2.85**		N/A	mg/L	12/18/18	12/18/18	1851082	
pH (Field)	Field	**7.81**		N/A	pH Units	12/18/18	12/18/18	1851082	
Temperature (Field)	Field	**19.7**		N/A	°C	12/18/18	12/18/18	1851082	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
E. Coli	SM 9223	A		N/A	P/A	12/18/18	12/19/18	1851090	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/18/18	12/20/18	1851134	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/19/18	12/19/18	1851068	

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

18L1509

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

8/2/18

Client	City of Lomita	System Number	Analysis Requested
Address	24373 Walnut Avenue	1910073	
	Lomita, CA 91717		
Phone #	(310)903-2243	*Destination Laboratory*	
Fax #		[X] Clinical Laboratory	
Project	*Standard Analysis*	*RWQCB Compliance*	
Sub Project	*Weekly Distribution Samples: 3rd Week of December, 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		
1	12/18/2018	0825	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	16.6°	0.04	8.18	2.2	x		x		
2	12/18/2018	0815	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	16.0°	0.08	8.17	2.0	x	x	x		
3	12/18/2018	0830	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	18.2°	0.04	7.83	2.7	x		x		
4	12/18/2018	0925	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	18.6°	0.03	7.78	2.6	x		x		
5	12/18/2018	0945	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	18.1°	0.02	8.16	2.2	x	x	x		
6	12/18/2018	0930	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	18.9°	0.06	7.79	3.0	x		x		
7	12/18/2018	0910	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	18.7°	0.08	7.74	1.48	x		x		
8	12/18/2018	1050	CWPF SP5	DW	1,7	1D	8	19.7	0.03	7.81	2.85	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	12/18/2018 2047	W Chaparro / CLSB
W Chaparro	W Chaparro / CLSB	5:56	Rebecca Mclaren / CLSB

Samples received: (X) On ice (X) Intact ( ) Custody seals Temp 6.1 ( ) F (X) C

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

Clinical Laboratory of San Bernardino, Inc.

03 January 2019 Clinical Lab No.: 18L2142

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

Project Name: Standard Analysis
Sub Project: Weekly Distribution Samples:4th Week of December,

Enclosed are the results of the analyses for samples received at the laboratory on 12/27/18 . 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: 18L2142
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples:4th Week of December,	Received: 12/27/18 11:40
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 01/03/19

1912 W. 259th St. (S13-001 Zone: 2) **18L2142-01 (Water)** **Sample Date:** 12/27/18 7:50 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.02**		N/A	mg/L	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**1.84**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**8.21**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**14.4**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/27/18	12/29/18	1852145	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/27/18	12/27/18	1901001	
Odor Threshold	EPA 140.1-M	**1**	1	3	TON	12/27/18	12/27/18	1901001	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/27/18	12/27/18	1901001	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/27/18	12/28/18	1852088	

26314 Monte Vista (S13-002 Zone:3) **18L2142-02 (Water)** **Sample Date:** 12/27/18 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	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**1.71**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**8.18**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**15.2**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/27/18	12/29/18	1852145	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/27/18	12/28/18	1852088	

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: 18L2142
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples:4th Week of December,	Received: 12/27/18 11:40
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 01/03/19

1948 W. 252nd St. (S13-003 Zone: 1) **18L2142-03 (Water)** **Sample Date:** 12/27/18 8:20 **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	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**3.2**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**7.89**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**16.8**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/27/18	12/29/18	1852145	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	ND	3.0	15	Color Units	12/27/18	12/27/18	1901001	
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	12/27/18	12/27/18	1901001	
Turbidity	EPA 180.1	ND	0.1	5	NTU	12/27/18	12/27/18	1901001	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/27/18	12/28/18	1852088	

24632 S. Moon Ave. (S13-004 Zone:1) **18L2142-04 (Water)** **Sample Date:** 12/27/18 9:00 **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	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**3.1**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**7.83**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**17.6**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/27/18	12/29/18	1852145	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/27/18	12/28/18	1852088	

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: 18L2142
24373 Walnut Avenue	Sub Project: Weekly Distribution Samples:4th Week of December,	Received: 12/27/18 11:40
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 01/03/19

2500 PCH (S-13-005 Zone:2) **18L2142-05 (Water)** **Sample Date:** 12/27/18 9:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	**0.04**		N/A	mg/L	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**1.7**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**8.16**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**17**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/27/18	12/29/18	1852145	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/27/18	12/28/18	1852088	

25417 Pennsylvania Ave (S13-008 Zone:1) **18L2142-06 (Water)** **Sample Date:** 12/27/18 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	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**3.4**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**7.86**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**18**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	**27**	1	500	CFU/ml	12/27/18	12/29/18	1852145	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/27/18	12/28/18	1852088	

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: Weekly Distribution Samples:4th Week of December,
Project Manager: Mark Andersen

Work Order: 18L2142
Received: 12/27/18 11:40
Reported: 01/03/19

2052 Dawn St (A Zone:1) **18L2142-07 (Water)** **Sample Date:** 12/27/18 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	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**1.68**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**7.8**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**17.5**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	**480**	1	500	CFU/ml	12/27/18	12/29/18	1852145	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	**0.41**	0.40	10	mg/L	12/27/18	12/28/18	1852088	

CWPF SP5 **18L2142-08 (Water)** **Sample Date:** 12/27/18 9:45 **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	12/27/18	12/27/18	1852119	
Cl Res Total (Field)	Field	**3.21**		N/A	mg/L	12/27/18	12/27/18	1852119	
pH (Field)	Field	**7.94**		N/A	pH Units	12/27/18	12/27/18	1852119	
Temperature (Field)	Field	**18**		N/A	°C	12/27/18	12/27/18	1852119	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
E. Coli	SM 9223	A		N/A	P/A	12/27/18	12/28/18	1852133	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/27/18	12/29/18	1852145	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	12/27/18	12/28/18	1852088	

HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

18L2142

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: 4th Week of December, 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		
12/27/2018	0750	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	14.4°	0.02	8.21	1.84	x	x	x		
12/27/2018	0800	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	1D	2	15.2°	0.04	8.18	1.71	x		x		
12/27/2018	0820	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	16.8°	0.04	7.89	3.2	x	x	x		
12/27/2018	0900	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	17.6°	0.03	7.83	3.1	x		x		
12/27/2018	0920	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	17.0°	0.04	8.16	1.7	x		x		
12/27/2018	0910	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	6	18.0°	0.04	7.86	3.4	x		x		
12/27/2018	0845	2052 Dawn St (A Zone: 1)	DW	1,7	1D	7	17.5°	0.02	7.80	1.68	x		x		
12/27/2018	0945	CWPF SP5	DW	1,7	1D	8	18.0°	0.03	7.94	3.21	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	12/27/2018 11:40	M Clark
Mike Clark	Mike Clark CLSB	12/27/18	Jeanette Hernandez

Samples received: ( ) On ice (X) Intact ( ) Custody seals Temp 2.9 ( ) F (X) C

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

Clinical Laboratory of San Bernardino, Inc.

21 December 2018 Clinical Lab No.: 18L0996

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 12/11/18 . 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 Dec
Project Manager: Mark Andersen

Work Order: 18L0996
Received: 12/11/18 19:25
Reported: 12/21/18

Raw Water Site #1 **18L0996-01 (Water)** **Sample Date:** 12/11/18 9:15 **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	12/11/18	12/11/18	1850110	
pH (Field)	Field	**7.46**		N/A	pH Units	12/11/18	12/11/18	1850110	
Temperature (Field)	Field	**22.9**		N/A	°C	12/11/18	12/11/18	1850110	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	**91**	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08
General Physical Analyses									
Apparent Color	SM 2120BM	**10.0**	3.0	15	Color Units	12/11/18	12/11/18	1850101	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**370**	6.6	N/A	mg/L	12/17/18	12/17/18	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**780**	5.0	1000	mg/L	12/17/18	12/19/18	1851022	
Metals									
Calcium (Ca)	EPA 200.7	**98**	1.0	N/A	mg/L	12/17/18	12/17/18	1851014	
Iron (Fe)	EPA 200.7	**180**	100	300	ug/L	12/18/18	12/18/18	1851037	
Magnesium (Mg)	EPA 200.7	**29**	1.0	N/A	mg/L	12/17/18	12/17/18	1851014	
Manganese (Mn)	EPA 200.7	**150**	20	50	ug/L	12/18/18	12/18/18	1851037	

Filter Effluent (Free Chlorine) Site #2 **18L0996-02 (Water)** **Sample Date:** 12/11/18 9:25 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**8.9**		N/A	mg/L	12/11/18	12/11/18	1850110	
pH (Field)	Field	**7.48**		N/A	pH Units	12/11/18	12/11/18	1850110	
Temperature (Field)	Field	**22.9**		N/A	°C	12/11/18	12/11/18	1850110	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
E. Coli	SM 9223	A		N/A	P/A	12/11/18	12/12/18	1850096	
Plate Count	SM9215B	ND	1	500	CFU/ml	12/11/18	12/13/18	1850137	HT-08

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

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

Work Order: 18L0996
Received: 12/11/18 19:25
Reported: 12/21/18

Filter Effluent (Total Chlorine) Site #3 **18L0996-03 (Water)** **Sample Date:** 12/11/18 9:25 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**8.9**		N/A	mg/L	12/11/18	12/11/18	1850110	
General Physical Analyses									
Apparent Color	SM 2120BM	**7.5**	3.0	15	Color Units	12/11/18	12/11/18	1850101	
Metals									
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	12/18/18	12/18/18	1851037	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	12/18/18	12/18/18	1851037	

Zone #2 Site #6 **18L0996-04 (Water)** **Sample Date:** 12/11/18 9:27 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**1.91**		N/A	mg/L	12/11/18	12/11/18	1850110	
pH (Field)	Field	**8.13**		N/A	pH Units	12/11/18	12/11/18	1850110	
Temperature (Field)	Field	**19.2**		N/A	°C	12/11/18	12/11/18	1850110	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**270**	6.6	N/A	mg/L	12/17/18	12/17/18	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**630**	5.0	1000	mg/L	12/17/18	12/19/18	1851022	
Metals									
Calcium (Ca)	EPA 200.7	**69**	1.0	N/A	mg/L	12/17/18	12/17/18	1851014	
Magnesium (Mg)	EPA 200.7	**24**	1.0	N/A	mg/L	12/17/18	12/17/18	1851014	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

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

Work Order: 18L0996
Received: 12/11/18 19:25
Reported: 12/21/18

Reservoir Effluent Site #5 **18L0996-05 (Water)** **Sample Date:** 12/11/18 12:30 **Sampler:** Patrick McCue

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.93**		N/A	mg/L	12/11/18	12/11/18	1850110	
pH (Field)	Field	**7.86**		N/A	pH Units	12/11/18	12/11/18	1850110	
Temperature (Field)	Field	**19.4**		N/A	°C	12/11/18	12/11/18	1850110	
General Physical Analyses									
Odor Threshold	EPA 140.1-M	**2**	1	3	TON	12/11/18	12/11/18	1850101	
General Chemical Analyses									
Hardness, Total (as CaCO3)	Calculated	**310**	6.6	N/A	mg/L	12/17/18	12/17/18	[CALC]	
Total Filterable Residue/TDS	SM 2540C	**690**	5.0	1000	mg/L	12/17/18	12/19/18	1851022	
Metals									
Calcium (Ca)	EPA 200.7	**82**	1.0	N/A	mg/L	12/17/18	12/17/18	1851014	
Magnesium (Mg)	EPA 200.7	**27**	1.0	N/A	mg/L	12/17/18	12/17/18	1851014	

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

AirTECHNOLOGY
Laboratories, Inc.

December 20, 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: 18L0996
Lab Number: J121303-01/02

Enclosed are results for sample(s) received 12/13/18 by Air Technology Laboratories. Samples were received intact and chilled to 5° 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.

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

18L0996

J121303-01/02

SENDING LABORATORY:

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

RECEIVING LABORATORY:

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

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

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

5°C

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

Analysis	Comments
-01 **Sample ID: Raw Water Site #1 / 18L0996-01** **Sampled: 12/11/18 09:15 PS Code: Water** **WTX ID:**	
Methane RSK175	Report in mg/L
Containers Supplied: 40ml Amber Vial (A) 40ml Amber Vial (B)	
-02 **Sample ID: Reservoir Effluent Site #5 / 18L0996-05** **Sampled: 12/11/18 12:30 PS Code: Water** **WTX ID:**	
Methane RSK175	Report in mg/L
Containers Supplied: 40ml Amber Vial (B) 40ml Amber Vial (C)	

Released By	Date / Time	Received By	Date / Time
[signature]	12/13/18	[signature]	12/13/18 8:00
[signature]	12/13/18- 10:03	[signature]	12/13/18 10:03

Client:	**Clinical Laboratory**
Attn:	**Stu Styles**
Project Name:	**NA**
Project No.:	**18L0996**
Date Received:	**12/13/18**
Matrix:	**Water**
Reporting Units:	**mg/L**

RSK175

Lab No.:	J121303-01		J121303-02							
Client Sample I.D.:	Raw Water Site #1 / 18L0996-01		Reservoir Effluent Site #5 / 18L0996-05							
Date/Time Sampled:	12/11/18 9:15		12/11/18 12:30							
Date/Time Analyzed:	12/19/18 14:01		12/19/18 14:41							
QC Batch No.:	181219GC8A1		181219GC8A1							
Analyst Initials:	CM/MJ		CM/MJ							
Dilution Factor:	1.0		1.0							
ANALYTE	**Result mg/L**	**RL mg/L**	**Result mg/L**	**RL mg/L**						
Methane	3.1	0.0010	0.28	0.0010						

MDL = Method Detection Limit
RL = Reporting Limit

Reviewed/Approved By: _____ **Date** 12-20-18

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 #: 181219GC8A1

Matrix: Air

Reporting Units: mg/L

RSK175
LABORATORY CONTROL SAMPLE SUMMARY

Lab No.:	METHOD BLANK			LCS		LCSD					
Date/Time Analyzed:	12/19/18 13:38			12/19/18 12:46		12/19/18 13:06					
Analyst Initials:	CM/MJ			CM/MJ		CM/MJ					
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
Ethene	ND	0.0010	1.15	1.08	93.9	1.11	96.7	2.9	70	130	30

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

Reviewed/Approved By: _____ Date 12-20-18

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

18L0996 2/3/19

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 Dec., 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	Total Coliform / E. Coli P-A / HPC	Hardness	Methane (Water) (RSK175)	Nitrate	Color	Odor			
12/11/2018	0915	Raw Water Site #1	GW	1W	N/A	22.9°	7.46	0	X	X					X				
12/11/2018	0915	Raw Water Site #1	GW	1W	1, 2, 7						X	X	X						
12/11/2018	0925	Filter Effluent (Free Chlorine) Site#2	DW	1W	1,7	22.9	7.48	8.9			X								
12/11/2018	0925	Filter Effluent (Total Chlorine) Site#3	DW	1W	N/A	22.9°	7.48	8.9		X					X				
12/11/2018	0927	Zone #2 Site #6	DW	1D	N/A	19.2°	8.13	1.91	X			X							
12/11/2018	1230	Reservoir Effluent Site #5	DW	1D	N/A	19.4°	7.86	2.93	X							X			
12/11/2018	1230	Reservoir Effluent Site #5	DW	1D	2,7								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, A-Air

3-Replacement, 4-Special W-Well D- Dist.

Type- 1-Routine, 2-Repeat,

Relinquished By (Sign)	*Print Name / Company*	*Date / Time*	*Received By (Sign)*	*Print Name / Company*
Patrick McCue	Patrick McCue /City of Lomita	12/11/2018 / 252		
		725		

Comments:

Samples received: (X) On ice (X) Intact ( ) Custody seals Temp 9.2 ( ) F ( ) 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.

26 October 2018 Clinical Lab No.: 18J1455

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA. 3rd Week of October 2018

Enclosed are the results of the analyses for samples received at the laboratory on 10/16/18 . 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: 18J1455
24373 Walnut Avenue	Sub Project: TTHM/HAA. 3rd Week of October 2018	Received: 10/16/18 15:28
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 10/26/18

1912 W. 259th Pl **18J1455-01 (Water)** **Sample Date:** 10/16/18 7:50 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.2**		N/A	mg/L	10/16/18	10/16/18	1842087	
pH (Field)	Field	**8.56**		N/A	pH Units	10/16/18	10/16/18	1842087	
Temperature (Field)	Field	**22.1**		N/A	°C	10/16/18	10/16/18	1842087	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**5.8**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Bromoform	EPA 524.2	**3.9**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Chloroform (Trichloromethane)	EPA 524.2	**3.6**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Dibromochloromethane	EPA 524.2	**8.4**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Total Trihalomethanes (TTHM)	EPA 524.2	**21.9**	1.0	80	ug/L	10/23/18	10/25/18	1843111	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*100 %*				*10/23/18*	*10/25/18*	*1843111*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*95 %*				*10/23/18*	*10/25/18*	*1843111*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**2.0**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Dichloroacetic Acid	EPA 552.2	**2.5**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Total Haloacetic Acids (HAA5)	EPA 552.2	**4.5**	1.0	60	ug/L	10/22/18	10/22/18	1843007	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*86 %*				*10/22/18*	*10/22/18*	*1843007*	

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: TTHM/HAA. 3rd Week of October 2018
Project Manager: Mark Andersen

Work Order: 18J1455
Received: 10/16/18 15:28
Reported: 10/26/18

1948 252nd St. **18J1455-02 (Water)** **Sample Date:** 10/16/18 8:15 **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	10/16/18	10/16/18	1842087	
pH (Field)	Field	**8.18**		N/A	pH Units	10/16/18	10/16/18	1842087	
Temperature (Field)	Field	**21.6**		N/A	°C	10/16/18	10/16/18	1842087	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**14.8**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Bromoform	EPA 524.2	**14.8**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Chloroform (Trichloromethane)	EPA 524.2	**6.1**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Dibromochloromethane	EPA 524.2	**24.2**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Total Trihalomethanes (TTHM)	EPA 524.2	**59.9**	1.0	80	ug/L	10/23/18	10/25/18	1843111	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*103 %*				*10/23/18*	*10/25/18*	*1843111*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*99 %*				*10/23/18*	*10/25/18*	*1843111*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**7.0**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Dichloroacetic Acid	EPA 552.2	**3.9**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Trichloroacetic Acid	EPA 552.2	**1.9**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Total Haloacetic Acids (HAA5)	EPA 552.2	**12.8**	1.0	60	ug/L	10/22/18	10/22/18	1843007	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*96 %*				*10/22/18*	*10/22/18*	*1843007*	

Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA. 3rd Week of October 2018
Project Manager: Mark Andersen

Work Order: 18J1455
Received: 10/16/18 15:28
Reported: 10/26/18

2450 W. 247th St. **18J1455-03 (Water)** **Sample Date:** 10/16/18 9:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**0.97**		N/A	mg/L	10/16/18	10/16/18	1842087	
pH (Field)	Field	**8.09**		N/A	pH Units	10/16/18	10/16/18	1842087	
Temperature (Field)	Field	**23.3**		N/A	°C	10/16/18	10/16/18	1842087	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**15.6**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Bromoform	EPA 524.2	**16.4**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Chloroform (Trichloromethane)	EPA 524.2	**6.4**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Dibromochloromethane	EPA 524.2	**25.1**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Total Trihalomethanes (TTHM)	EPA 524.2	**63.5**	1.0	80	ug/L	10/23/18	10/25/18	1843111	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*103 %*				*10/23/18*	*10/25/18*	*1843111*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*101 %*				*10/23/18*	*10/25/18*	*1843111*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**7.3**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Dichloroacetic Acid	EPA 552.2	**3.7**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Trichloroacetic Acid	EPA 552.2	**2.4**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Total Haloacetic Acids (HAA5)	EPA 552.2	**13.4**	1.0	60	ug/L	10/22/18	10/22/18	1843007	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*103 %*				*10/22/18*	*10/22/18*	*1843007*	

Lomita, City of	Project: Standard Analysis	Work Order: 18J1455
24373 Walnut Avenue	Sub Project: TTHM/HAA. 3rd Week of October 2018	Received: 10/16/18 15:28
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 10/26/18

26255 Appian Way **18J1455-04 (Water)** **Sample Date:** 10/16/18 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	10/16/18	10/16/18	1842087	
pH (Field)	Field	**8.55**		N/A	pH Units	10/16/18	10/16/18	1842087	
Temperature (Field)	Field	**21.1**		N/A	°C	10/16/18	10/16/18	1842087	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**6.1**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Bromoform	EPA 524.2	**4.2**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Chloroform (Trichloromethane)	EPA 524.2	**3.6**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Dibromochloromethane	EPA 524.2	**8.8**	1.0	N/A	ug/L	10/23/18	10/25/18	1843111	
Total Trihalomethanes (TTHM)	EPA 524.2	**22.7**	1.0	80	ug/L	10/23/18	10/25/18	1843111	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*99 %*				*10/23/18*	*10/25/18*	*1843111*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*97 %*				*10/23/18*	*10/25/18*	*1843111*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**1.9**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Dichloroacetic Acid	EPA 552.2	**2.3**	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	10/22/18	10/22/18	1843007	
Total Haloacetic Acids (HAA5)	EPA 552.2	**4.2**	1.0	60	ug/L	10/22/18	10/22/18	1843007	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*93 %*				*10/22/18*	*10/22/18*	*1843007*	

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: 18J1455
Report Date: 10/26/2018
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: 181016 07:30
BROMODICHLORMETHANE (THM)	Result: 6.1	Units: UG/L	Entry No.: 32101		Analyzed: 181025
BROMOFORM (THM)	Result: 4.2	Units: UG/L	Entry No.: 32104		Analyzed: 181025
DIBROMOCHLOROMETHANE (THM)	Result: 8.8	Units: UG/L	Entry No.: 32105		Analyzed: 181025
CHLOROFORM (THM)	Result: 3.6	Units: UG/L	Entry No.: 32106		Analyzed: 181025
DICHLOROACETIC ACID (DCAA)	Result: 2.3	Units: UG/L	Entry No.: 77288		Analyzed: 181022
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 22.7	Units: UG/L	Entry No.: 82080		Analyzed: 181025
DIBROMOACETIC ACID (DBAA)	Result: 1.9	Units: UG/L	Entry No.: 82721		Analyzed: 181022
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723		Analyzed: 181022
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 181022
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 181022
HALOACETIC ACIDS (five) (HAA5)	Result: 4.2	Units: UG/L	Entry No.: A-049		Analyzed: 181022
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801			Sampled: 181016 07:50
BROMODICHLORMETHANE (THM)	Result: 5.8	Units: UG/L	Entry No.: 32101		Analyzed: 181025
BROMOFORM (THM)	Result: 3.9	Units: UG/L	Entry No.: 32104		Analyzed: 181025
DIBROMOCHLOROMETHANE (THM)	Result: 8.4	Units: UG/L	Entry No.: 32105		Analyzed: 181025
CHLOROFORM (THM)	Result: 3.6	Units: UG/L	Entry No.: 32106		Analyzed: 181025
DICHLOROACETIC ACID (DCAA)	Result: 2.5	Units: UG/L	Entry No.: 77288		Analyzed: 181022
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 21.9	Units: UG/L	Entry No.: 82080		Analyzed: 181025
DIBROMOACETIC ACID (DBAA)	Result: 2.0	Units: UG/L	Entry No.: 82721		Analyzed: 181022
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723		Analyzed: 181022
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 181022
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 181022
HALOACETIC ACIDS (five) (HAA5)	Result: 4.5	Units: UG/L	Entry No.: A-049		Analyzed: 181022
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802			Sampled: 181016 08:15
BROMODICHLORMETHANE (THM)	Result: 14.8	Units: UG/L	Entry No.: 32101		Analyzed: 181025
BROMOFORM (THM)	Result: 14.8	Units: UG/L	Entry No.: 32104		Analyzed: 181025
DIBROMOCHLOROMETHANE (THM)	Result: 24.2	Units: UG/L	Entry No.: 32105		Analyzed: 181025
CHLOROFORM (THM)	Result: 6.1	Units: UG/L	Entry No.: 32106		Analyzed: 181025
DICHLOROACETIC ACID (DCAA)	Result: 3.9	Units: UG/L	Entry No.: 77288		Analyzed: 181022
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 59.9	Units: UG/L	Entry No.: 82080		Analyzed: 181025
DIBROMOACETIC ACID (DBAA)	Result: 7.0	Units: UG/L	Entry No.: 82721		Analyzed: 181022
TRICHLOROACETIC ACID (TCAA)	Result: 1.9	Units: UG/L	Entry No.: 82723		Analyzed: 181022
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 181022
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 181022
HALOACETIC ACIDS (five) (HAA5)	Result: 12.8	Units: UG/L	Entry No.: A-049		Analyzed: 181022
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803			Sampled: 181016 09:00
BROMODICHLORMETHANE (THM)	Result: 15.6	Units: UG/L	Entry No.: 32101		Analyzed: 181025
BROMOFORM (THM)	Result: 16.4	Units: UG/L	Entry No.: 32104		Analyzed: 181025
DIBROMOCHLOROMETHANE (THM)	Result: 25.1	Units: UG/L	Entry No.: 32105		Analyzed: 181025
CHLOROFORM (THM)	Result: 6.4	Units: UG/L	Entry No.: 32106		Analyzed: 181025
DICHLOROACETIC ACID (DCAA)	Result: 3.7	Units: UG/L	Entry No.: 77288		Analyzed: 181022
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 63.5	Units: UG/L	Entry No.: 82080		Analyzed: 181025
DIBROMOACETIC ACID (DBAA)	Result: 7.3	Units: UG/L	Entry No.: 82721		Analyzed: 181022
TRICHLOROACETIC ACID (TCAA)	Result: 2.4	Units: UG/L	Entry No.: 82723		Analyzed: 181022
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041		Analyzed: 181022
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042		Analyzed: 181022
HALOACETIC ACIDS (five) (HAA5)	Result: 13.4	Units: UG/L	Entry No.: A-049		Analyzed: 181022

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10/0/16 1891455

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

Client	City of Lomita
Address	24373 Walnut Avenue
	Lomita, CA 91717
Phone #	(310) 903-2243
Fax #	
Project	TTHM's / HAA's
Sub Project	*Lomita Distribution Monthy Compliance Samples, 3rd Week of October, 2018*
Comments	
Sampled by	*P.M.*

System Number	
1910073	
Destination Laboratory	
[X] Clinical Laboratory	
RWQCB Compliance	
YES	
ELAP #	
1088	

Date	Time	Sample Idenitification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	Analysis Requested: TTHM / HAAs	Comments
10/16/2018	0750	1912 W. 259th Pl	DW	see bottle	1D	8.56	2.2	22.1°	x	
10/16/2018	0815	1948 252nd St.	DW	see bottle	1D	8.18	3.3	21.6°	x	
10/16/2018	0900	2450 W.247th St.	DW	see bottle	1D	8.09	0.97	23.3°	x	
10/16/2018	0730	26255 Appian Way	DW	see bottle	1D	8.55	2.3	21.1°	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	10/16/2018 / 1:10	Chris Jeanette Hernandez
[illegible]	CLSB	4 328	

Comments: _____

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

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

Page 1 of 1

Clinical Laboratory of San Bernardino, Inc.

28 November 2018

Clinical Lab No.: 18K1352

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of November 2018

Enclosed are the results of the analyses for samples received at the laboratory on 11/13/18 . 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: 18K1352
24373 Walnut Avenue	Sub Project: TTHM/HAA 2nd Week of November 2018	Received: 11/13/18 19:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 11/28/18

1912 W. 259th Pl **18K1352-01 (Water)** **Sample Date:** 11/13/18 8:00 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.01**		N/A	mg/L	11/13/18	11/13/18	1846169	
pH (Field)	Field	**8.15**		N/A	pH Units	11/13/18	11/13/18	1846169	
Temperature (Field)	Field	**18.8**		N/A	°C	11/13/18	11/13/18	1846169	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**6.9**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Bromoform	EPA 524.2	**5.0**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Chloroform (Trichloromethane)	EPA 524.2	**3.7**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Dibromochloromethane	EPA 524.2	**9.0**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Total Trihalomethanes (TTHM)	EPA 524.2	**24.6**	1.0	80	ug/L	11/18/18	11/21/18	1847074	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*120 %*				*11/18/18*	*11/21/18*	*1847074*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*92 %*				*11/18/18*	*11/21/18*	*1847074*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**2.2**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Dichloroacetic Acid	EPA 552.2	**2.5**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Trichloroacetic Acid	EPA 552.2	**1.0**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Total Haloacetic Acids (HAA5)	EPA 552.2	**5.7**	1.0	60	ug/L	11/20/18	11/20/18	1847037	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*93 %*				*11/20/18*	*11/20/18*	*1847037*	

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Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of November 2018
Project Manager: Mark Andersen

Work Order: 18K1352
Received: 11/13/18 19:00
Reported: 11/28/18

1948 252nd St. **18K1352-02 (Water)** **Sample Date:** 11/13/18 8:20 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**3.5**		N/A	mg/L	11/13/18	11/13/18	1846169	
pH (Field)	Field	**7.76**		N/A	pH Units	11/13/18	11/13/18	1846169	
Temperature (Field)	Field	**19.4**		N/A	°C	11/13/18	11/13/18	1846169	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**16.6**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Bromoform	EPA 524.2	**20.1**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Chloroform (Trichloromethane)	EPA 524.2	**5.7**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Dibromochloromethane	EPA 524.2	**27.0**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Total Trihalomethanes (TTHM)	EPA 524.2	**69.4**	1.0	80	ug/L	11/18/18	11/21/18	1847074	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*114 %*				*11/18/18*	*11/21/18*	*1847074*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*101 %*				*11/18/18*	*11/21/18*	*1847074*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**7.1**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Dichloroacetic Acid	EPA 552.2	**4.0**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Trichloroacetic Acid	EPA 552.2	**1.9**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Total Haloacetic Acids (HAA5)	EPA 552.2	**13.0**	1.0	60	ug/L	11/20/18	11/20/18	1847037	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*102 %*				*11/20/18*	*11/20/18*	*1847037*	

Lomita, City of	Project: Standard Analysis	Work Order: 18K1352
24373 Walnut Avenue	Sub Project: TTHM/HAA 2nd Week of November 2018	Received: 11/13/18 19:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 11/28/18

2450 W. 247th St. **18K1352-03 (Water)** **Sample Date:** 11/13/18 9:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**1.16**		N/A	mg/L	11/13/18	11/13/18	1846169	
pH (Field)	Field	**7.64**		N/A	pH Units	11/13/18	11/13/18	1846169	
Temperature (Field)	Field	**21.2**		N/A	°C	11/13/18	11/13/18	1846169	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**16.7**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Bromoform	EPA 524.2	**18.3**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Chloroform (Trichloromethane)	EPA 524.2	**6.0**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Dibromochloromethane	EPA 524.2	**26.9**	1.0	N/A	ug/L	11/18/18	11/21/18	1847074	
Total Trihalomethanes (TTHM)	EPA 524.2	**67.9**	1.0	80	ug/L	11/18/18	11/21/18	1847074	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*112 %*				*11/18/18*	*11/21/18*	*1847074*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*102 %*				*11/18/18*	*11/21/18*	*1847074*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**7.0**	1.0	N/A	ug/L	11/20/18	11/27/18	1847037	
Dichloroacetic Acid	EPA 552.2	**3.4**	1.0	N/A	ug/L	11/20/18	11/27/18	1847037	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/20/18	11/27/18	1847037	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/20/18	11/27/18	1847037	
Trichloroacetic Acid	EPA 552.2	**1.9**	1.0	N/A	ug/L	11/20/18	11/27/18	1847037	
Total Haloacetic Acids (HAA5)	EPA 552.2	**12.3**	1.0	60	ug/L	11/20/18	11/27/18	1847037	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*85 %*				*11/20/18*	*11/27/18*	*1847037*	

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Lomita, City of	Project: Standard Analysis	Work Order: 18K1352
24373 Walnut Avenue	Sub Project: TTHM/HAA 2nd Week of November 2018	Received: 11/13/18 19:00
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 11/28/18

26255 Appian Way **18K1352-04 (Water)** **Sample Date:** 11/13/18 7:35 **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	11/13/18	11/13/18	1846169	
pH (Field)	Field	**8.18**		N/A	pH Units	11/13/18	11/13/18	1846169	
Temperature (Field)	Field	**16.7**		N/A	°C	11/13/18	11/13/18	1846169	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**5.6**	1.0	N/A	ug/L	11/20/18	11/21/18	1847075	
Bromoform	EPA 524.2	**3.3**	1.0	N/A	ug/L	11/20/18	11/21/18	1847075	
Chloroform (Trichloromethane)	EPA 524.2	**3.8**	1.0	N/A	ug/L	11/20/18	11/21/18	1847075	
Dibromochloromethane	EPA 524.2	**7.7**	1.0	N/A	ug/L	11/20/18	11/21/18	1847075	
Total Trihalomethanes (TTHM)	EPA 524.2	**20.4**	1.0	80	ug/L	11/20/18	11/21/18	1847075	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*89 %*				*11/20/18*	*11/21/18*	*1847075*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*90 %*				*11/20/18*	*11/21/18*	*1847075*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**2.1**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Dichloroacetic Acid	EPA 552.2	**2.3**	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Trichloroacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	11/20/18	11/20/18	1847037	
Total Haloacetic Acids (HAA5)	EPA 552.2	**4.4**	1.0	60	ug/L	11/20/18	11/20/18	1847037	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*96 %*				*11/20/18*	*11/20/18*	*1847037*	

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: 18K1352
Report Date: 11/28/2018
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: 181113 07:35
BROMODICHLORMETHANE (THM)	Result: 5.6	Units: UG/L	Entry No.: 32101	Analyzed: 181121	
BROMOFORM (THM)	Result: 3.3	Units: UG/L	Entry No.: 32104	Analyzed: 181121	
DIBROMOCHLOROMETHANE (THM)	Result: 7.7	Units: UG/L	Entry No.: 32105	Analyzed: 181121	
CHLOROFORM (THM)	Result: 3.8	Units: UG/L	Entry No.: 32106	Analyzed: 181121	
DICHLOROACETIC ACID (DCAA)	Result: 2.3	Units: UG/L	Entry No.: 77288	Analyzed: 181120	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 20.4	Units: UG/L	Entry No.: 82080	Analyzed: 181121	
DIBROMOACETIC ACID (DBAA)	Result: 2.1	Units: UG/L	Entry No.: 82721	Analyzed: 181120	
TRICHLOROACETIC ACID (TCAA)	Result: ND	Units: UG/L	Entry No.: 82723	Analyzed: 181120	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181120	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181120	
HALOACETIC ACIDS (five) (HAA5)	Result: 4.4	Units: UG/L	Entry No.: A-049	Analyzed: 181120	
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801			Sampled: 181113 08:00
BROMODICHLORMETHANE (THM)	Result: 6.9	Units: UG/L	Entry No.: 32101	Analyzed: 181121	
BROMOFORM (THM)	Result: 5.0	Units: UG/L	Entry No.: 32104	Analyzed: 181121	
DIBROMOCHLOROMETHANE (THM)	Result: 9.0	Units: UG/L	Entry No.: 32105	Analyzed: 181121	
CHLOROFORM (THM)	Result: 3.7	Units: UG/L	Entry No.: 32106	Analyzed: 181121	
DICHLOROACETIC ACID (DCAA)	Result: 2.5	Units: UG/L	Entry No.: 77288	Analyzed: 181120	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 24.6	Units: UG/L	Entry No.: 82080	Analyzed: 181121	
DIBROMOACETIC ACID (DBAA)	Result: 2.2	Units: UG/L	Entry No.: 82721	Analyzed: 181120	
TRICHLOROACETIC ACID (TCAA)	Result: 1.0	Units: UG/L	Entry No.: 82723	Analyzed: 181120	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181120	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181120	
HALOACETIC ACIDS (five) (HAA5)	Result: 5.7	Units: UG/L	Entry No.: A-049	Analyzed: 181120	
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802			Sampled: 181113 08:20
BROMODICHLORMETHANE (THM)	Result: 16.6	Units: UG/L	Entry No.: 32101	Analyzed: 181121	
BROMOFORM (THM)	Result: 20.1	Units: UG/L	Entry No.: 32104	Analyzed: 181121	
DIBROMOCHLOROMETHANE (THM)	Result: 27.0	Units: UG/L	Entry No.: 32105	Analyzed: 181121	
CHLOROFORM (THM)	Result: 5.7	Units: UG/L	Entry No.: 32106	Analyzed: 181121	
DICHLOROACETIC ACID (DCAA)	Result: 4.0	Units: UG/L	Entry No.: 77288	Analyzed: 181120	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 69.4	Units: UG/L	Entry No.: 82080	Analyzed: 181121	
DIBROMOACETIC ACID (DBAA)	Result: 7.1	Units: UG/L	Entry No.: 82721	Analyzed: 181120	
TRICHLOROACETIC ACID (TCAA)	Result: 1.9	Units: UG/L	Entry No.: 82723	Analyzed: 181120	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181120	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181120	
HALOACETIC ACIDS (five) (HAA5)	Result: 13.0	Units: UG/L	Entry No.: A-049	Analyzed: 181120	
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803			Sampled: 181113 09:15
BROMODICHLORMETHANE (THM)	Result: 16.7	Units: UG/L	Entry No.: 32101	Analyzed: 181121	
BROMOFORM (THM)	Result: 18.3	Units: UG/L	Entry No.: 32104	Analyzed: 181121	
DIBROMOCHLOROMETHANE (THM)	Result: 26.9	Units: UG/L	Entry No.: 32105	Analyzed: 181121	
CHLOROFORM (THM)	Result: 6.0	Units: UG/L	Entry No.: 32106	Analyzed: 181121	
DICHLOROACETIC ACID (DCAA)	Result: 3.4	Units: UG/L	Entry No.: 77288	Analyzed: 181127	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 67.9	Units: UG/L	Entry No.: 82080	Analyzed: 181121	
DIBROMOACETIC ACID (DBAA)	Result: 7.0	Units: UG/L	Entry No.: 82721	Analyzed: 181127	
TRICHLOROACETIC ACID (TCAA)	Result: 1.9	Units: UG/L	Entry No.: 82723	Analyzed: 181127	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181127	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181127	
HALOACETIC ACIDS (five) (HAA5)	Result: 12.3	Units: UG/L	Entry No.: A-049	Analyzed: 181127	

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

Clinical Laboratory of San Bernardino, Inc.

18K352

10/16

Chain of Custody

Client	City of Lomita
Address	24373 Walnut Avenue
	Lomita, CA 91717
Phone #	(310) 903-2243
Fax #	
Project	TTHM's / HAA's
Sub Project	*Lomita Distribution Monthy Compliance Samples, 2nd Week of November, 2018*
Comments	
Sampled by	*P.M.*

System Number: 1910073

Destination Laboratory

[X] Clinical Laboratory

RWQCB Compliance

YES

ELAP # 1088

Analysis Requested

Date	Time	Sample Idenitification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	TTHM / HAAs				Comments
11/13/2018	0800	1912 W. 259th Pl	DW	see bottle	1D	8.15	2.01	18.8°	x				
11/13/2018	0820	1948 252nd St.	DW	see bottle	1D	7.76	3.5	19.4°	x				
11/13/2018	0915	2450 W.247th St.	DW	see bottle	1D	7.64	1.16	21.2	x				
11/13/2018	0735	26255 Appian Way	DW	see bottle	1D	8.18	2.0	16.7°	.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	11/13/2018 / 330	
D Chaparro	D Chaparro / CCSB	" 700	HF / Bob Glenn / CCSB

Comments: _____

Samples received: (✓) On ice (✓) Intact ( ) Custody seals Temp 7.0 ( ) F (✓) C

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

Clinical Laboratory of San Bernardino, Inc.

28 December 2018 Clinical Lab No.: 18L1139

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

Project Name: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of December 2018

Enclosed are the results of the analyses for samples received at the laboratory on 12/11/18 . 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: Standard Analysis	Work Order: 18L1139
24373 Walnut Avenue	Sub Project: TTHM/HAA 2nd Week of December 2018	Received: 12/11/18 19:25
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/28/18

1912 W. 259th Pl **18L1139-01 (Water)** **Sample Date:** 12/11/18 10:25 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**1.97**		N/A	mg/L	12/11/18	12/11/18	1850120	
pH (Field)	Field	**8.02**		N/A	pH Units	12/11/18	12/11/18	1850120	
Temperature (Field)	Field	**17.8**		N/A	°C	12/11/18	12/11/18	1850120	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**7.7**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Bromoform	EPA 524.2	**3.3**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Chloroform (Trichloromethane)	EPA 524.2	**4.3**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Dibromochloromethane	EPA 524.2	**9.4**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Total Trihalomethanes (TTHM)	EPA 524.2	**24.7**	1.0	80	ug/L	12/20/18	12/20/18	1851136	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*109 %*				*12/20/18*	*12/20/18*	*1851136*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*100 %*				*12/20/18*	*12/20/18*	*1851136*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**1.3**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Dichloroacetic Acid	EPA 552.2	**2.7**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Trichloroacetic Acid	EPA 552.2	**1.4**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Total Haloacetic Acids (HAA5)	EPA 552.2	**5.4**	1.0	60	ug/L	12/14/18	12/15/18	1850140	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*112 %*				*12/14/18*	*12/15/18*	*1850140*	

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Lomita, City of	Project: Standard Analysis	Work Order: 18L1139
24373 Walnut Avenue	Sub Project: TTHM/HAA 2nd Week of December 2018	Received: 12/11/18 19:25
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/28/18

1948 252nd St. **18L1139-02 (Water)** **Sample Date:** 12/11/18 10:40 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.9**		N/A	mg/L	12/11/18	12/11/18	1850120	
pH (Field)	Field	**7.87**		N/A	pH Units	12/11/18	12/11/18	1850120	
Temperature (Field)	Field	**19.1**		N/A	°C	12/11/18	12/11/18	1850120	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**16.1**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Bromoform	EPA 524.2	**17.2**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Chloroform (Trichloromethane)	EPA 524.2	**5.5**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Dibromochloromethane	EPA 524.2	**26.2**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Total Trihalomethanes (TTHM)	EPA 524.2	**65.0**	1.0	80	ug/L	12/20/18	12/20/18	1851136	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*117 %*				*12/20/18*	*12/20/18*	*1851136*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*104 %*				*12/20/18*	*12/20/18*	*1851136*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**7.4**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Dichloroacetic Acid	EPA 552.2	**4.0**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Trichloroacetic Acid	EPA 552.2	**2.4**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Total Haloacetic Acids (HAA5)	EPA 552.2	**13.8**	1.0	60	ug/L	12/14/18	12/15/18	1850140	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*126 %*				*12/14/18*	*12/15/18*	*1850140*	

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Lomita, City of	Project: Standard Analysis	Work Order: 18L1139
24373 Walnut Avenue	Sub Project: TTHM/HAA 2nd Week of December 2018	Received: 12/11/18 19:25
Lomita CA, 91717	Project Manager: Mark Andersen	Reported: 12/28/18

2450 W. 247th St. **18L1139-03 (Water)** **Sample Date:** 12/11/18 11:15 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**0.91**		N/A	mg/L	12/11/18	12/11/18	1850120	
pH (Field)	Field	**7.7**		N/A	pH Units	12/11/18	12/11/18	1850120	
Temperature (Field)	Field	**19.7**		N/A	°C	12/11/18	12/11/18	1850120	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**16.4**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Bromoform	EPA 524.2	**18.5**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Chloroform (Trichloromethane)	EPA 524.2	**6.0**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Dibromochloromethane	EPA 524.2	**25.8**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Total Trihalomethanes (TTHM)	EPA 524.2	**66.7**	1.0	80	ug/L	12/20/18	12/20/18	1851136	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*110 %*				*12/20/18*	*12/20/18*	*1851136*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*110 %*				*12/20/18*	*12/20/18*	*1851136*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**7.0**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Dichloroacetic Acid	EPA 552.2	**3.6**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Trichloroacetic Acid	EPA 552.2	**2.4**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Total Haloacetic Acids (HAA5)	EPA 552.2	**13.0**	1.0	60	ug/L	12/14/18	12/15/18	1850140	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*119 %*				*12/14/18*	*12/15/18*	*1850140*	

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Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: TTHM/HAA 2nd Week of December 2018
Project Manager: Mark Andersen

Work Order: 18L1139
Received: 12/11/18 19:25
Reported: 12/28/18

26255 Appian Way **18L1139-04 (Water)** **Sample Date:** 12/11/18 10:10 **Sampler:** P.M.

Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	**2.02**		N/A	mg/L	12/11/18	12/11/18	1850120	
pH (Field)	Field	**8.03**		N/A	pH Units	12/11/18	12/11/18	1850120	
Temperature (Field)	Field	**17.5**		N/A	°C	12/11/18	12/11/18	1850120	
Trihalomethanes Analyses									
Bromodichloromethane	EPA 524.2	**7.7**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Bromoform	EPA 524.2	**3.1**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Chloroform (Trichloromethane)	EPA 524.2	**4.4**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Dibromochloromethane	EPA 524.2	**9.0**	1.0	N/A	ug/L	12/20/18	12/20/18	1851136	
Total Trihalomethanes (TTHM)	EPA 524.2	**24.2**	1.0	80	ug/L	12/20/18	12/20/18	1851136	
Surrogate: Bromofluorobenzene	*EPA 524.2*	*106 %*				*12/20/18*	*12/20/18*	*1851136*	
Surrogate: 1,2-Dichlorobenzene-d4	*EPA 524.2*	*102 %*				*12/20/18*	*12/20/18*	*1851136*	
Haloacetic Acids Analyses									
Dibromoacetic Acid	EPA 552.2	**1.3**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Dichloroacetic Acid	EPA 552.2	**2.6**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Trichloroacetic Acid	EPA 552.2	**1.4**	1.0	N/A	ug/L	12/14/18	12/15/18	1850140	
Total Haloacetic Acids (HAA5)	EPA 552.2	**5.3**	1.0	60	ug/L	12/14/18	12/15/18	1850140	
Surrogate: 2,3-Dibromopropionic Acid	*EPA 552.2*	*116 %*				*12/14/18*	*12/15/18*	*1850140*	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1

Work Order: 18L1139
Report Date: 12/28/2018
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: 181211 10:10
BROMODICHLORMETHANE (THM)	Result: 7.7	Units: UG/L	Entry No.: 32101	Analyzed: 181220	
BROMOFORM (THM)	Result: 3.1	Units: UG/L	Entry No.: 32104	Analyzed: 181220	
DIBROMOCHLOROMETHANE (THM)	Result: 9.0	Units: UG/L	Entry No.: 32105	Analyzed: 181220	
CHLOROFORM (THM)	Result: 4.4	Units: UG/L	Entry No.: 32106	Analyzed: 181220	
DICHLOROACETIC ACID (DCAA)	Result: 2.6	Units: UG/L	Entry No.: 77288	Analyzed: 181215	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 24.2	Units: UG/L	Entry No.: 82080	Analyzed: 181220	
DIBROMOACETIC ACID (DBAA)	Result: 1.3	Units: UG/L	Entry No.: 82721	Analyzed: 181215	
TRICHLOROACETIC ACID (TCAA)	Result: 1.4	Units: UG/L	Entry No.: 82723	Analyzed: 181215	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181215	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181215	
HALOACETIC ACIDS (five) (HAA5)	Result: 5.3	Units: UG/L	Entry No.: A-049	Analyzed: 181215	
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801			Sampled: 181211 10:25
BROMODICHLORMETHANE (THM)	Result: 7.7	Units: UG/L	Entry No.: 32101	Analyzed: 181220	
BROMOFORM (THM)	Result: 3.3	Units: UG/L	Entry No.: 32104	Analyzed: 181220	
DIBROMOCHLOROMETHANE (THM)	Result: 9.4	Units: UG/L	Entry No.: 32105	Analyzed: 181220	
CHLOROFORM (THM)	Result: 4.3	Units: UG/L	Entry No.: 32106	Analyzed: 181220	
DICHLOROACETIC ACID (DCAA)	Result: 2.7	Units: UG/L	Entry No.: 77288	Analyzed: 181215	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 24.7	Units: UG/L	Entry No.: 82080	Analyzed: 181220	
DIBROMOACETIC ACID (DBAA)	Result: 1.3	Units: UG/L	Entry No.: 82721	Analyzed: 181215	
TRICHLOROACETIC ACID (TCAA)	Result: 1.4	Units: UG/L	Entry No.: 82723	Analyzed: 181215	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181215	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181215	
HALOACETIC ACIDS (five) (HAA5)	Result: 5.4	Units: UG/L	Entry No.: A-049	Analyzed: 181215	
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802			Sampled: 181211 10:40
BROMODICHLORMETHANE (THM)	Result: 16.1	Units: UG/L	Entry No.: 32101	Analyzed: 181220	
BROMOFORM (THM)	Result: 17.2	Units: UG/L	Entry No.: 32104	Analyzed: 181220	
DIBROMOCHLOROMETHANE (THM)	Result: 26.2	Units: UG/L	Entry No.: 32105	Analyzed: 181220	
CHLOROFORM (THM)	Result: 5.5	Units: UG/L	Entry No.: 32106	Analyzed: 181220	
DICHLOROACETIC ACID (DCAA)	Result: 4.0	Units: UG/L	Entry No.: 77288	Analyzed: 181215	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 65.0	Units: UG/L	Entry No.: 82080	Analyzed: 181220	
DIBROMOACETIC ACID (DBAA)	Result: 7.4	Units: UG/L	Entry No.: 82721	Analyzed: 181215	
TRICHLOROACETIC ACID (TCAA)	Result: 2.4	Units: UG/L	Entry No.: 82723	Analyzed: 181215	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181215	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181215	
HALOACETIC ACIDS (five) (HAA5)	Result: 13.8	Units: UG/L	Entry No.: A-049	Analyzed: 181215	
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803			Sampled: 181211 11:15
BROMODICHLORMETHANE (THM)	Result: 16.4	Units: UG/L	Entry No.: 32101	Analyzed: 181220	
BROMOFORM (THM)	Result: 18.5	Units: UG/L	Entry No.: 32104	Analyzed: 181220	
DIBROMOCHLOROMETHANE (THM)	Result: 25.8	Units: UG/L	Entry No.: 32105	Analyzed: 181220	
CHLOROFORM (THM)	Result: 6.0	Units: UG/L	Entry No.: 32106	Analyzed: 181220	
DICHLOROACETIC ACID (DCAA)	Result: 3.6	Units: UG/L	Entry No.: 77288	Analyzed: 181215	
TOTAL TRIHALOMETHANES (THM'S/TTHM	Result: 66.7	Units: UG/L	Entry No.: 82080	Analyzed: 181220	
DIBROMOACETIC ACID (DBAA)	Result: 7.0	Units: UG/L	Entry No.: 82721	Analyzed: 181215	
TRICHLOROACETIC ACID (TCAA)	Result: 2.4	Units: UG/L	Entry No.: 82723	Analyzed: 181215	
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 181215	
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 181215	
HALOACETIC ACIDS (five) (HAA5)	Result: 13.0	Units: UG/L	Entry No.: A-049	Analyzed: 181215	

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

1 8L1139 0/0/18

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	TTHM's / HAA's	YES	
Sub Project	Lomita Distribution Monthy Compliance Samples, 2nd Week of December, 2018	ELAP #	
Comments		1088	
Sampled by	P.M.		

Date	Time	Sample Idenitification	Matrix	Preserv	Type	pH	Total Chlorine	Temp.	TTHM / HAAs				Comments
12/11/2018	1025	1912 W. 259th Pl	DW	see bottle	1D	8.02	1.97	17.8°	x				
12/11/2018	1040	1948 252nd St.	DW	see bottle	1D	7.87	2.9	19.1°	x				
12/11/2018	1115	2450 W.247th St.	DW	see bottle	1D	7.76	0.91	19.7°	x				
12/11/2018	1010	26255 Appian Way	DW	see bottle	1D	8.03	2.02	17.5	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	12/11/2018 / 256	
		7 725	

Comments:

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

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