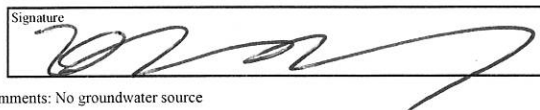


MONTHLY SUMMARY OF DISTRIBUTION SYSTEM COLIFORM MONITORING
(including triggered source monitoring for systems subject to the Groundwater Rule)

CITY OF LOMITA	1910073			
Sampling Period AUGUST	Year 2017			
	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	<u>25</u>	<u>25</u>	<u>0</u>	<u>0</u>
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E.coli <i>Negative</i> (see notes 5 and 6)		<u>0</u>	<u>0</u>	<u>0</u>
3. Repeat Samples Following Routine Samples Which are Total Coliform <i>Positive</i> and Fecal/E.coli Positive (see notes 5 and 6)		<u>0</u>	<u>0</u>	<u>0</u>
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)	<u>25</u>	<u>25</u>	<u>0</u>	
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100]	<u>N/A</u>			
c. Is system in compliance... ..with fecal/E. coli MCL? (see notes 2 and 3)	☒ 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)		<u>0</u>	<u>0</u>	0
6. Invalidated Samples (Note what samples, if any, were invalidated; who authorized the invalidation; and when replacement samples were collected. Attach additional sheets, if necessary.)				
7. Summary Completed By:				

Signature 	Title Public Works Director/City Engineer	Date 9/11/2017
--	--	-------------------

Comments: No groundwater source

1. Routine samples include:
- 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.
 - 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;
 - 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):
- For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.
 - 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

Jul-17

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/5/2017	8:30 AM	2.40	A	A	2
13-2 26314 S. Monte Vta.	7/5/2017	8:50 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	7/5/2017	7:00 AM	3.10	A	A	1
13-4 24632 S. Moon Ave.	7/5/2017	7:20 AM	3.00	A	A	1
13-5 2500 PCH	7/5/2017	8:10 AM	2.50	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/12/2017	9:30 AM	2.50	A	A	2
13-2 26314 S. Monte Vta.	7/12/2017	9:10 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	7/12/2017	7:20 AM	3.20	A	A	1
13-4 24632 S. Moon Ave.	7/12/2017	7:40 AM	3.20	A	A	1
13-5 2500 PCH	7/12/2017	8:40 AM	2.50	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/19/2017	9:00 AM	2.60	A	A	2
13-2 26314 S. Monte Vta.	7/19/2017	8:00 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	7/19/2017	7:05 AM	3.00	A	A	1
13-4 24632 S. Moon Ave.	7/19/2017	7:30 AM	3.00	A	A	1
13-5 2500 PCH	7/19/2017	9:45 AM	2.50	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/26/2017	9:25 AM	2.50	A	A	2
13-2 26314 S. Monte Vta.	7/26/2017	9:40 AM	2.60	A	A	3
13-3 1948 W. 252nd St.	7/26/2017	7:35 AM	3.20	A	A	1
13-4 24632 S. Moon Ave.	7/26/2017	8:25 AM	3.00	A	A	1
13-5 2500 PCH	7/26/2017	9:05 AM	2.50	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

2.73

SIGNATURE:


Mark A. McAvoy, P.E., Public Works Director/City Engineer

Aug-17

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/2/2017	8:25 AM	2.40	A	A	2
13-2 26314 S. Monte Vta.	8/2/2017	8:10 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	8/2/2017	9:25 AM	2.40	A	A	1
13-4 24632 S. Moon Ave.	8/2/2017	7:20 AM	3.00	A	A	1
13-5 2500 PCH	8/2/2017	7:50 AM	2.50	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/9/2017	9:55 AM	2.80	A	A	2
13-2 26314 S. Monte Vta.	8/9/2017	10:15 AM	2.70	A	A	3
13-3 1948 W. 252nd St.	8/9/2017	7:35 AM	3.10	A	A	1
13-4 24632 S. Moon Ave.	8/9/2017	8:15 AM	3.00	A	A	1
13-5 2500 PCH	8/9/2017	9:35 AM	2.80	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/17/2017	9:10 AM	2.60	A	A	2
13-2 26314 S. Monte Vta.	8/17/2017	8:55 AM	2.60	A	A	3
13-3 1948 W. 252nd St.	8/17/2017	7:20 AM	3.10	A	A	1
13-4 24632 S. Moon Ave.	8/17/2017	7:45 AM	3.10	A	A	1
13-5 2500 PCH	8/17/2017	8:25 AM	2.70	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/24/2017	9:10 AM	2.60	A	A	2
13-2 26314 S. Monte Vta.	8/24/2017	9:30 AM	2.70	A	A	3
13-3 1948 W. 252nd St.	8/24/2017	7:20 AM	2.50	A	A	1
13-4 24632 S. Moon Ave.	8/24/2017	8:10 AM	2.60	A	A	1
13-5 2500 PCH	8/24/2017	10:35 AM	2.50	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/31/2017	8:55 AM	2.50	A	A	2
13-2 26314 S. Monte Vta.	8/31/2017	9:15 AM	2.60	A	A	3
13-3 1948 W. 252nd St.	8/31/2017	7:10 AM	2.70	A	A	1
13-4 24632 S. Moon Ave.	8/31/2017	7:35 AM	2.50	A	A	1
13-5 2500 PCH	8/31/2017	8:35 AM	2.40	A	A	2

Average

2.67

DATE:

9/11/2017

CITY OF LOMITA
RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE

System Name CITY OF LOMITA

System No. 1910073

Month: AUGUST

Year: 2017

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	8/9/2017	Absent	Absent

COMMENTS:

Signature	Date
 Mark A. McAvoy, P.E., Public Works Director/City Engineer	<u>9/11/2017</u>

**CITY OF LOMITA
PUBLIC WORKS DEPARTMENT**

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

SYSTEM NO:

1910073

MONTH:

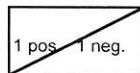
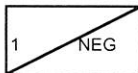
AUGUST

YEAR:

2017

SOURCE NAME	JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER
WELL 13-5	1 NEG	1 NEG	1 NEG	NOT TAKEN	1 NEG	1 NEG	1 NEG	1 NEG				
TOTAL	1	1	1	0	1	1	1	1				

EXAMPLES:



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

COMMENTS:

SIGNATURE:

Mark A. McAvoy, P.E., Public Works Director/City Engineer

Date:

9/11/2017

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: AUGUST Year: 2017

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:	25
No. of distribution system samples for HPC only:	0
Total No. residual and/or HPC samples collected:	25
No. of samples with no detectable residual and HPC is not measured:	0
No. of samples with no residual and HPC > 500 CFU/ml:	0
No. of samples for HPC only and HPC > 500 CFU/ml:	0
Total No. of samples with no residual and/or HPC > 500 CFU/ml:	0

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

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

SUMMARY OF WATER QUALITY COMPLAINTS

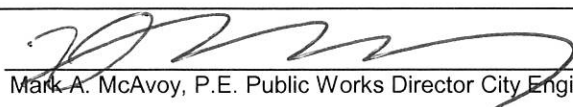
General Complaints:

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

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

Persons Reporting	Date	Corrective Actions Taken

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

Signature: 
 Mark A. McAvoy, P.E. Public Works Director City Engineer

Date: 9/11/2017

CITY OF LOMITA MONTHLY GENERAL PHYSICAL SUMMARY

Jul-17

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	7/5/2017	8:30 AM	ND	1	ND	8.46	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	7/5/2017	7:20 AM	ND	2	0.1	7.88	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.	7/12/2017	7:20 AM	7.5	2	0.4	7.84	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	7/12/2017	8:40 AM	ND	1	ND	8.33	2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	7/19/2017	8:00 AM	ND	1	ND	8.58	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	7/19/2017	7:30 AM	ND	2	0.2	7.89	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.	7/26/2017	9:25 AM	ND	1	ND	8.54	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	7/26/2017	9:05 AM	ND	1	ND	8.46	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

Aug-17

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	8/2/2017	8:25 AM	ND	1	0.1	8.75	2
13-2 26314 S. Monte Vta.	8/2/2017	8:10 AM	ND	1	ND	8.80	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.	8/9/2017	7:35 AM	ND	1	ND	7.96	1
13-4 24632 S. Moon Ave.	8/9/2017	8:15 AM	ND	1	0.1	7.89	1
13-5 2500 PCH							2
Location							Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	8/17/2017	8:55 AM	ND	1	0.1	8.58	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	8/17/2017	8:25 AM	ND	1	0.1	8.59	2
Location							Zone
13-1 1912 W. 259th Pl.	8/23/2017	9:10 AM	ND	1	0.2	8.63	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	8/23/2017	7:20 AM	ND	2	ND	8.00	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.	8/30/2017	7:35 AM	ND	2	ND	7.87	1
13-5 2500 PCH	8/30/2017	8:35 AM	ND	1	ND	8.59	2

SIGNATURE:



Mark A. McAvoy, P.E., Public Works Director/City Engineer

DATE:

9/11/2017

1 MONTHLY NITRIFICATION MONITORING SUMMARY REPORT
CITY OF LOMITA, System No. 1910073 --- Month, Year: **August 2017**

#	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	8/2/2017	24.3	8.00	2.40	0.27	0.68	0.00	0.018	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	8/2/2017	22.5	7.90	3.00	0.11	0.60	0.06	0.018	ND	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	8/2/2017	20.5	8.08	3.20	0.12	0.78	0.00	0.015	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	8/2/2017	25.8	7.85	1.09	0.06	0.32	0.09	0.120	0.47	A	6	1	Well/MWD Blend
5	D		Reservoir SP5	8/2/2017	21.3	8.12	3.70	0.09	0.78	0.03	0.010	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	8/2/2017	19.7	8.75	2.40	0.07	0.47	0.03	0.011	0.6	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	8/2/2017	19.5	8.80	2.40	0.09	0.52	0.00	0.009	0.60	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	8/2/2017	19.2	8.60	2.50	0.05	0.49	0.04	0.011	0.60	A	ND	2	MWD Only

1	D	S13-003	1948 W 252nd St	8/9/2017	23.9	7.96	3.10	0.08	0.76	0.17	0.022	0.40	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	8/9/2017	23.9	7.89	3.00	0.08	0.66	0.22	0.026	0.44	A	2	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	8/9/2017	25.4	7.85	3.20	0.17	0.80	0.15	0.018	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	8/9/2017	23.9	7.86	1.15	0.12	0.32	0.17	0.200	0.56	A	57	1	Well/MWD Blend
5	D		Reservoir SP5	8/9/2017	21.2	8.50	3.70	0.04	0.84	0.08	0.012	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	8/9/2017	25.9	8.52	2.80	0.06	0.48	0.06	0.014	0.64	A	4	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	8/9/2017	23.3	8.63	2.70	0.08	0.52	0.03	0.010	0.63	A	220	3	MWD Only
8	D	S13-005	2500 PCH	8/9/2017	23.3	8.44	2.80	0.06	0.51	0.06	0.011	0.63	A	ND	2	MWD Only

1	D	S13-003	1948 W 252nd St	8/17/2017	22.1	8.05	3.10	0.08	0.60	0.08	0.014	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	8/17/2017	21.7	7.97	3.10	0.12	0.60	0.10	0.017	0.43	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	8/17/2017	22.3	7.90	3.30	0.12	0.66	0.05	0.011	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	8/17/2017	21.1	7.91	1.16	0.08	0.26	0.12	0.140	0.55	A	ND	1	Well/MWD Blend
5	D		Reservoir SP5	8/17/2017	21.4	7.88	3.60	0.10	0.70	0.00	0.010	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	8/17/2017	21.0	8.56	2.60	0.05	0.45	0.04	0.012	0.65	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	8/17/2017	20.7	8.58	2.60	0.06	0.44	0.04	0.017	0.66	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	8/17/2017	20.4	8.59	2.70	0.02	0.45	0.00	0.010	0.66	A	ND	2	MWD Only

1	D	S13-003	1948 W 252nd St	8/24/2017	23.1	8.00	2.50	0.07	0.64	0.12	0.022	ND	A	ND	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	8/24/2017	23.1	8.10	2.60	0.12	0.68	0.17	0.022	ND	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	8/24/2017	23.6	8.06	3.00	0.12	0.66	0.08	0.016	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	8/24/2017	21.8	8.62	1.98	0.10	0.36	0.06	0.014	0.70	A	ND	1	Well/MWD Blend
5	D		Reservoir SP5	8/24/2017	22.2	7.71	3.60	0.06	0.83	0.00	0.015	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	8/24/2017	21.3	8.63	2.60	0.07	0.45	0.01	0.009	0.65	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	8/24/2017	21.6	8.61	2.70	0.06	0.49	0.01	0.008	0.66	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	8/24/2017	21.2	8.64	2.50	0.07	0.43	0.04	0.008	0.65	A	1	2	MWD Only

1	D	S13-003	1948 W 252nd St	8/31/2017	24.8	7.88	2.70	0.14	0.62	0.12	0.025	ND	A	55	1	Well/MWD Blend
2	D	S13-004	24632 S Moon Ave	8/31/2017	23.8	7.87	2.50	0.20	0.62	0.09	0.021	ND	A	ND	1	Well/MWD Blend
3	D	S13-008	25417 Pennsylvania Ave	8/31/2017	24.2	8.01	2.70	0.12	0.62	0.12	0.021	ND	A	ND	1	Well/MWD Blend
4	D	A	2052 Dawn St	8/31/2017	23.4	7.42	1.97	0.06	0.39	0.12	0.013	0.61	A	ND	1	Well/MWD Blend
5	D		Reservoir	8/31/2017	22.3	7.73	3.42	0.06	0.62	0.01	0.014	ND	A	ND	1	Well/MWD Blend
6	D	S13-001	1912 W 259th St	8/31/2017	22.7	8.76	2.50	0.07	0.46	0.00	0.012	0.66	A	66	2	MWD Only
7	D	S13-002	26314 S Monte Vista Ave	8/31/2017	21.4	8.81	2.60	0.06	0.49	0.00	0.013	0.66	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	8/31/2017	22.6	8.59	2.40	0.11	0.44	0.00	0.014	0.66	A	ND	2	MWD Only

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

²Coliform results are part of weekly Bacti sampling results.

³The City is monitoring the trend of Nitrite on Dawn St in accordance with the Nitrification Monitoring Plan.

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.



09 August 2017

Clinical Lab No.: 17H0300

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly - 1st Week of August, 2017

Enclosed are the results of the analyses for samples received at the laboratory on 08/02/17. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 1st Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H0300
Received: 08/02/17 15:45
Reported: 08/09/17

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

17H0300-01 (Water)

Sample Date: 08/02/17 8:25 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.07		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	8.75		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	19.7		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/02/17	08/04/17	1731194	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/02/17	08/02/17	1731161	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/02/17	08/02/17	1731161	
Turbidity	EPA 180.1	0.1	0.1	5	NTU	08/02/17	08/02/17	1731161	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.60	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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26314 Monte Vista (S13-002 Zone: 3)

17H0300-02 (Water)

Sample Date: 08/02/17 8:10 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.09		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	8.8		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	19.5		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/02/17	08/04/17	1731194	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/02/17	08/02/17	1731161	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/02/17	08/02/17	1731161	
Turbidity	EPA 180.1	ND	0.1	5	NTU	08/02/17	08/02/17	1731161	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.60	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 1st Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H0300
Received: 08/02/17 15:45
Reported: 08/09/17

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

17H0300-03 (Water)

Sample Date: 08/02/17 9:25 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.27		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	8		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	24.3		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/02/17	08/04/17	1731194	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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24632 S. Moon Ave (S13-004 Zone: 1)

17H0300-04 (Water)

Sample Date: 08/02/17 7:20 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.11		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	3		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	7.9		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	22.5		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/02/17	08/04/17	1731194	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 1st Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H0300
Received: 08/02/17 15:45
Reported: 08/09/17

2500 PCH (S13-005 Zone: 2)

17H0300-05 (Water)

Sample Date: 08/02/17 7:50 Sampler: CB

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

Cl Res Free (Field)	Field	0.05		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	2.5		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	8.6		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	19.2		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/02/17	08/04/17	1731194	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.60	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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Reservoir SP5

17H0300-06 (Water)

Sample Date: 08/02/17 8:45 Sampler: CB

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

Cl Res Free (Field)	Field	0.09		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	3.701		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	8.12		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	21.3		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/02/17	08/04/17	1731194	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 1st Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H0300
Received: 08/02/17 15:45
Reported: 08/09/17

25417 Pennsylvania Ave (S13-008 Zone: 1)

17H0300-07 (Water)

Sample Date: 08/02/17 7:35 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	3.2		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	8.08		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	20.5		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/02/17	08/04/17	1731194	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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2052 Dawn St (A Zone: 1)

17H0300-08 (Water)

Sample Date: 08/02/17 9:35 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/02/17	08/02/17	1731137	
Cl Res Total (Field)	Field	1.09		N/A	mg/L	08/02/17	08/02/17	1731137	
pH (Field)	Field	7.85		N/A	pH Units	08/02/17	08/02/17	1731137	
Temperature (Field)	Field	25.8		N/A	°C	08/02/17	08/02/17	1731137	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
E. Coli	SM 9223	A		N/A	P/A	08/02/17	08/03/17	1731148	
Plate Count	SM9215B	6	1	500	CFU/ml	08/02/17	08/04/17	1731194	

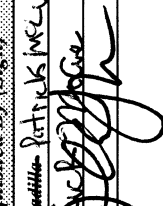
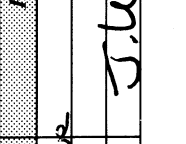
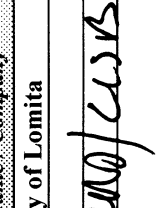
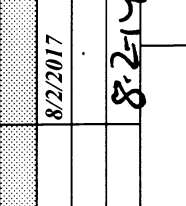
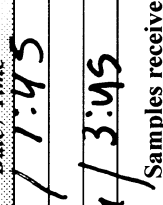
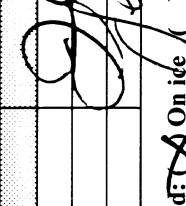
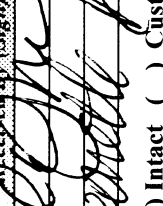
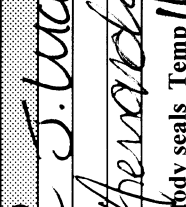
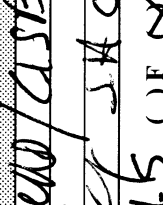
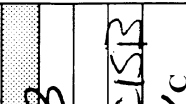
General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	08/02/17	08/03/17	1731087	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

$$\frac{2}{3}$$

Client		City of Lomita		System Number		Analysis Requested										
Address		24373 Walnut Avenue		1910073												
Phone #		(310) 325-9830		Destination Laboratory												
Fax #		(310) 325-3627		[X] Clinical Laboratory												
Project		Standard Analysis		RWQCB Compliance												
Sub Project		Weekly, 1st Week August 2017		YES												
Comments				1088												
Sampled by		CB														
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine	General Physical	Nitrate	ORTH	HPC	PH	THM / HAA5's	
8/2/2017	0825	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	19.7°	0.07	2.40	x	x		x	8.75		
8/2/2017	0810	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	19.5°	0.09	2.40	x	x		x	8.80		
8/2/2017	0925	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	21.3°	0.77	2.40	x	x		x	8.00		
8/2/2017	0720	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	22.5°	0.11	3.00	x	x		x	7.90		
8/2/2017	0750	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	19.2°	0.05	2.50	x	x		x	8.60		
8/2/2017	0845	Reservoir SP5	DW	1,7	ID	6	21.3°	0.09	3.70	x	x		x	8.12		
8/2/2017	0735	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	7	20.5°	0.12	3.20	x	x		x	8.08		
8/2/2017	0849	2052 Dawn St (A Zone: 1)	DW	1,7	ID	8	25.8°	0.06	1.09	x	x		x	7.85		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:																
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)										
 J. Lomita City of Lomita		City of Lomita		8/2/2017 / 1:45		 J. Lomita										
 J. Lomita		J. Lomita / CWS		8-2-17 / 3:45		 J. Lomita										
 J. Lomita		J. Lomita / CWS		8-2-17 / 3:45		 J. Lomita										
 J. Lomita		J. Lomita / CWS		8-2-17 / 3:45		 J. Lomita										
 J. Lomita		J. Lomita / CWS		8-2-17 / 3:45		 J. Lomita										

Clinical Laboratory of San Bernardino, Inc.



17 August 2017

Clinical Lab No.: 17H0983

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly - 2nd Week of August, 2017

Enclosed are the results of the analyses for samples received at the laboratory on 08/09/17. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis Sub Project: Distribution Weekly - 2nd Week of August, 2017 Project Manager: Mark Andersen	Work Order: 17H0983 Received: 08/09/17 16:00 Reported: 08/17/17
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1912 W. 259th St (S13-001 Zone: 2)

17H0983-01 (Water)

Sample Date: 08/09/17 9:55 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	2.8		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	8.52		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	25.9		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	4	1	500	CFU/ml	08/09/17	08/11/17	1732187	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.64	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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26314 Monte Vista (S13-002 Zone: 3)

17H0983-02 (Water)

Sample Date: 08/09/17 10:15 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.08		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	2.7		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	8.63		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	23.3		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	220	1	500	CFU/ml	08/09/17	08/11/17	1732187	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.63	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 2nd Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H0983
Received: 08/09/17 16:00
Reported: 08/17/17

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

17H0983-03 (Water)

Sample Date: 08/09/17 7:35 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.08		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	3.1		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	7.96		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	23.9		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/09/17	08/11/17	1732187	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/09/17	08/09/17	1732148	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/09/17	08/09/17	1732148	
Turbidity	EPA 180.1	ND	0.1	5	NTU	08/09/17	08/09/17	1732148	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.40	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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24632 S. Moon Ave (S13-004 Zone: 1)

17H0983-04 (Water)

Sample Date: 08/09/17 8:15 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.08		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	3		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	7.89		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	23.9		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	2	1	500	CFU/ml	08/09/17	08/11/17	1732187	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/09/17	08/09/17	1732148	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/09/17	08/09/17	1732148	
Turbidity	EPA 180.1	0.1	0.1	5	NTU	08/09/17	08/09/17	1732148	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.44	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 2nd Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H0983
Received: 08/09/17 16:00
Reported: 08/17/17

2500 PCH (S13-005 Zone: 2)

17H0983-05 (Water)

Sample Date: 08/09/17 9:35 Sampler: CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	2.8		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	8.44		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	23.3		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/09/17	08/11/17	1732187	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.63	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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Reservoir SP5

17H0983-06 (Water)

Sample Date: 08/09/17 11:00 Sampler: CB

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

Cl Res Free (Field)	Field	0.04		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	3.7		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	8.5		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	21.2		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/09/17	08/11/17	1732187	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 2nd Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H0983
Received: 08/09/17 16:00
Reported: 08/17/17

25417 Pennsylvania Ave (S13-008 Zone: 1)

17H0983-07 (Water)

Sample Date: 08/09/17 9:20 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.17		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	3.2		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	7.85		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	25.4		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/09/17	08/11/17	1732187	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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2052 Dawn St (A Zone: 1)

17H0983-08 (Water)

Sample Date: 08/09/17 7:10 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	08/09/17	08/09/17	1732131	
Cl Res Total (Field)	Field	1.15		N/A	mg/L	08/09/17	08/09/17	1732131	
pH (Field)	Field	7.86		N/A	pH Units	08/09/17	08/09/17	1732131	
Temperature (Field)	Field	23.9		N/A	°C	08/09/17	08/09/17	1732131	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732141	
Plate Count	SM9215B	57	1	500	CFU/ml	08/09/17	08/11/17	1732187	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.56	0.40	10	mg/L	08/10/17	08/10/17	1732121	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

17409183

Client		City of Lomita		System Number		Analysis Requested									
Address		24373 Walnut Avenue		1910073											
Phone #		Lomita, CA 91717		Destination Laboratory											
Fax #		(310) 325-9830		IXI Clinical Laboratory											
Project		(310) 325-3627		RWQCB Compliance											
Sub Project		Standard Analysis		YES											
Comments		Weekly Distribution Sample: 2nd Week of August													
Sampled by		CB		1088											
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine	General Physical	Nitrate	ORTH	HPC	PH	THM / HAA5's
8/9/2017	9:55 AM	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	25.9	.06	2.8	x	x		x	8.52	
8/9/2017	10:15 AM	26314 Monte Vista (S13-002 Zone: 3)	DW	1,7	1D	2	23.3	.08	2.7	x	x		x	8.63	
8/9/2017	7:35 AM	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	23.9	.08	3.1	x	x		x	7.96	
8/9/2017	8:15 AM	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	23.9	.08	3.0	x	x		x	7.89	
8/9/2017	9:55 AM	2500 PCH (S13-005 Zone: 2)	DW	1,7	1D	5	23.3	.06	2.8	x	x		x	8.44	
8/9/2017	11:05 AM	Reservoir SP5	DW	1,7	1D	6	21.2	.07	3.7	x	x		x	8.56	
8/9/2017	9:20 AM	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	7	25.4	.17	3.2	x	x		x	7.83	
8/9/2017	7:10 AM	2052 Dawn St (A Zone: 1)	DW	1,7	1D	8	23.9	.12	1.5	x	x		x	7.86	
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:															
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)									
Cory Bobadilla CB BH		City of Lomita		8/9/2017		[Signature]									
[Signature]		B Bowney C.L.S.B		8/9/17 4:00		[Signature]									
Samples received: (X) On ice (X) Intact (X) Custody seals Temp ____ () F (X) C															
Shipped Via		Fed X		Golden State		UPS		Client		Other		Page 1 of 1			

Clinical Laboratory of San Bernardino, Inc.



22 August 2017

Clinical Lab No.: 17H1741

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly - 3rd Week of August, 2017

Enclosed are the results of the analyses for samples received at the laboratory on 08/17/17 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 3rd Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H1741
Received: 08/17/17 16:25
Reported: 08/22/17

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

17H1741-01 (Water)

Sample Date: 08/17/17 9:10 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.05		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	2.6		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	8.56		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	21		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.65	0.40	10	mg/L	08/17/17	08/17/17	1733125	
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26314 Monte Vista (S13-002 Zone: 3)

17H1741-02 (Water)

Sample Date: 08/17/17 8:55 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	2.6		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	8.58		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	20.7		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/17/17	08/17/17	1734014	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/17/17	08/17/17	1734014	
Turbidity	EPA 180.1	0.1	0.1	5	NTU	08/17/17	08/17/17	1734014	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.66	0.40	10	mg/L	08/17/17	08/17/17	1733125	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 3rd Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H1741
Received: 08/17/17 16:25
Reported: 08/22/17

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

17H1741-03 (Water)

Sample Date: 08/17/17 7:20 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.08		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	3.1		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	8.05		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	22.1		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/17/17	08/17/17	1733125	
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24632 S. Moon Ave (S13-004 Zone: 1)

17H1741-04 (Water)

Sample Date: 08/17/17 7:45 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	3.1		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	7.97		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	21.7		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.43	0.40	10	mg/L	08/17/17	08/17/17	1733125	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 3rd Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H1741
Received: 08/17/17 16:25
Reported: 08/22/17

2500 PCH (S13-005 Zone: 2)

17H1741-05 (Water)

Sample Date: 08/17/17 8:25 Sampler: CB

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

Cl Res Free (Field)	Field	0.02		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	2.7		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	8.59		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	20.4		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/17/17	08/17/17	1734014	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/17/17	08/17/17	1734014	
Turbidity	EPA 180.1	0.1	0.1	5	NTU	08/17/17	08/17/17	1734014	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.66	0.40	10	mg/L	08/17/17	08/17/17	1733125	
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Reservoir SP5

17H1741-06 (Water)

Sample Date: 08/17/17 9:35 Sampler: CB

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

Cl Res Free (Field)	Field	0.1		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	3.6		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	7.88		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	21.4		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/17/17	08/17/17	1733125	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly - 3rd Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H1741
Received: 08/17/17 16:25
Reported: 08/22/17

25417 Pennsylvania Ave (S13-008 Zone: 1)

17H1741-07 (Water)

Sample Date: 08/17/17 8:05 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	3.3		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	7.9		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	22.3		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/17/17	08/17/17	1733125	
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2052 Dawn St (A Zone: 1)

17H1741-08 (Water)

Sample Date: 08/17/17 6:50 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.08		N/A	mg/L	08/17/17	08/17/17	1733152	
Cl Res Total (Field)	Field	1.16		N/A	mg/L	08/17/17	08/17/17	1733152	
pH (Field)	Field	7.91		N/A	pH Units	08/17/17	08/17/17	1733152	
Temperature (Field)	Field	21.1		N/A	°C	08/17/17	08/17/17	1733152	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
E. Coli	SM 9223	A		N/A	P/A	08/17/17	08/18/17	1733175	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/17/17	08/19/17	1733186	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.55	0.40	10	mg/L	08/17/17	08/18/17	1733125	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.



30 August 2017

Clinical Lab No.: 17H2176

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

Project Name: Standard Analysis
Sub Project: Weekly Distribution - 4th Week of August, 2017

Enclosed are the results of the analyses for samples received at the laboratory on 08/23/17. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 4th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2176
Received: 08/23/17 16:00
Reported: 08/30/17

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

17H2176-01 (Water)

Sample Date: 08/23/17 9:10 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.07		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	2.6		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	8.63		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	21.3		N/A	°C	08/23/17	08/23/17	1734128	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
E. Coli	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/23/17	08/25/17	1734184	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/23/17	08/23/17	1734159	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/23/17	08/23/17	1734159	
Turbidity	EPA 180.1	0.2	0.1	5	NTU	08/23/17	08/23/17	1734159	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.65	0.40	10	mg/L	08/24/17	08/24/17	1734126	
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26314 Monte Vista (S13-002 Zone: 3)

17H2176-02 (Water)

Sample Date: 08/23/17 9:30 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	2.7		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	8.61		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	21.6		N/A	°C	08/23/17	08/23/17	1734128	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
E. Coli	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/23/17	08/25/17	1734184	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.66	0.40	10	mg/L	08/24/17	08/24/17	1734126	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 4th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2176
Received: 08/23/17 16:00
Reported: 08/30/17

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

17H2176-03 (Water)

Sample Date: 08/23/17 7:20 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.07		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	2.5		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	8		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	23.1		N/A	°C	08/23/17	08/23/17	1734128	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
E. Coli	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/23/17	08/25/17	1734184	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/23/17	08/23/17	1734159	
Odor Threshold	EPA 140.1-M	2	1	3	TON	08/23/17	08/23/17	1734159	
Turbidity	EPA 180.1	ND	0.1	5	NTU	08/23/17	08/23/17	1734159	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/24/17	08/24/17	1734126	
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24632 S. Moon Ave (S13-004 Zone: 1)

17H2176-04 (Water)

Sample Date: 08/23/17 8:10 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	2.6		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	8.1		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	23.1		N/A	°C	08/23/17	08/23/17	1734128	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
E. Coli	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/23/17	08/25/17	1734184	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/24/17	08/24/17	1734126	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 4th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2176
Received: 08/23/17 16:00
Reported: 08/30/17

2500 PCH (S13-005 Zone: 2)

17H2176-05 (Water)

Sample Date: 08/23/17 9:50 Sampler: CB

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

Cl Res Free (Field)	Field	0.07		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	8.64		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	21.2		N/A	°C	08/23/17	08/23/17	1734128	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.65	0.40	10	mg/L	08/24/17	08/24/17	1734126	
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Reservoir SP5

17H2176-06 (Water)

Sample Date: 08/23/17 10:00 Sampler: CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	3.6		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	7.71		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	22.2		N/A	°C	08/23/17	08/23/17	1734128	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
E. Coli	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/23/17	08/25/17	1734184	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/24/17	08/24/17	1734126	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 4th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2176
Received: 08/23/17 16:00
Reported: 08/30/17

25417 Pennsylvania Ave (S13-008 Zone: 1)

17H2176-07 (Water)

Sample Date: 08/23/17 8:30 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	3		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	8.06		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	23.6		N/A	°C	08/23/17	08/23/17	1734128	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
E. Coli	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/23/17	08/25/17	1734184	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/24/17	08/24/17	1734126	
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2052 Dawn St (A Zone: 1)

17H2176-08 (Water)

Sample Date: 08/23/17 7:10 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.1		N/A	mg/L	08/23/17	08/23/17	1734128	
Cl Res Total (Field)	Field	1.98		N/A	mg/L	08/23/17	08/23/17	1734128	
pH (Field)	Field	8.62		N/A	pH Units	08/23/17	08/23/17	1734128	
Temperature (Field)	Field	21.8		N/A	°C	08/23/17	08/23/17	1734128	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
E. Coli	SM 9223	A		N/A	P/A	08/23/17	08/24/17	1734151	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/23/17	08/25/17	1734184	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.70	0.40	10	mg/L	08/25/17	08/25/17	1734165	HT-12
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HT-12 Analysis performed outside of recommended hold time to confirm earlier analysis within recommended hold time. Do Not Report.

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

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[illegible]

Clinical Laboratory of San Bernardino, Inc.



31 August 2017

Clinical Lab No.: 17H2379

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

Project Name: Standard Analysis
Sub Project: Replacement Sample for Previous Day

Enclosed are the results of the analyses for samples received at the laboratory on 08/24/17 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Replacement Sample for Previous Day
Project Manager: Mark Andersen

Work Order: 17H2379
Received: 08/24/17 16:55
Reported: 08/31/17

PCH Sample Station

17H2379-01 (Water)

Sample Date: 08/24/17 10:35

Sampler: Not Listed

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

Cl Res Total (Field)	Field	2.5		N/A	mg/L	08/24/17	08/24/17	1735005	
pH (Field)	Field	8.17		N/A	pH Units	08/24/17	08/24/17	1735005	
Temperature (Field)	Field	20.1		N/A	°C	08/24/17	08/24/17	1735005	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/24/17	08/25/17	1734177	
E. Coli	SM 9223	A		N/A	P/A	08/24/17	08/25/17	1734177	
Plate Count	SM9215B	1	1	500	CFU/ml	08/24/17	08/26/17	1734192	

ND Analyte NOT DETECTED at or above the reporting limit

"Your Water and Wastewater Analysis Solution"

Clinical Laboratory of San Bernardino, Inc.



08 September 2017

Clinical Lab No.: 17H2708

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

Project Name: Standard Analysis
Sub Project: Weekly Distribution - 5th Week of August, 2017

Enclosed are the results of the analyses for samples received at the laboratory on 08/30/17. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 5th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2708
Received: 08/30/17 15:20
Reported: 09/08/17

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

17H2708-01 (Water)

Sample Date: 08/30/17 8:55 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.07		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	2.5		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	8.76		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	22.7		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	66	1	500	CFU/ml	08/30/17	09/01/17	1735154	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.66	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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26314 Monte Vista (S13-002 Zone: 3)

17H2708-02 (Water)

Sample Date: 08/30/17 9:15 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	2.6		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	8.81		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	21.4		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/30/17	09/01/17	1735154	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.66	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 5th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2708
Received: 08/30/17 15:20
Reported: 09/08/17

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

17H2708-03 (Water)

Sample Date: 08/30/17 7:10 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.14		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	2.7		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	7.88		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	24.8		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	55	1	500	CFU/ml	08/30/17	09/01/17	1735154	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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24632 S. Moon Ave (S13-004 Zone: 1)

17H2708-04 (Water)

Sample Date: 08/30/17 7:35 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.2		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	2.5		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	7.87		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	23.8		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/30/17	09/01/17	1735154	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/30/17	08/30/17	1735125	
Odor Threshold	EPA 140.1-M	2	1	3	TON	08/30/17	08/30/17	1735125	
Turbidity	EPA 180.1	ND	0.1	5	NTU	08/30/17	08/30/17	1735125	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 5th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2708
Received: 08/30/17 15:20
Reported: 09/08/17

2500 PCH (S13-005 Zone: 2)

17H2708-05 (Water)

Sample Date: 08/30/17 8:35 Sampler: CB

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

Cl Res Free (Field)	Field	0.11		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	8.59		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	22.6		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/30/17	09/01/17	1735154	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/30/17	08/30/17	1735125	
Odor Threshold	EPA 140.1-M	1	1	3	TON	08/30/17	08/30/17	1735125	
Turbidity	EPA 180.1	ND	0.1	5	NTU	08/30/17	08/30/17	1735125	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.66	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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Reservoir SP5

17H2708-06 (Water)

Sample Date: 08/30/17 9:45 Sampler: CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	3.42		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	7.73		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	22.3		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/30/17	09/01/17	1735154	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Weekly Distribution - 5th Week of August, 2017
Project Manager: Mark Andersen

Work Order: 17H2708
Received: 08/30/17 15:20
Reported: 09/08/17

25417 Pennsylvania Ave (S13-008 Zone: 1)

17H2708-07 (Water)

Sample Date: 08/30/17 8:15 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	2.7		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	8.01		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	24.2		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/30/17	09/01/17	1735154	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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2052 Dawn St (A Zone: 1)

17H2708-08 (Water)

Sample Date: 08/30/17 6:50 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.06		N/A	mg/L	08/30/17	08/30/17	1735099	
Cl Res Total (Field)	Field	1.97		N/A	mg/L	08/30/17	08/30/17	1735099	
pH (Field)	Field	7.42		N/A	pH Units	08/30/17	08/30/17	1735099	
Temperature (Field)	Field	23.4		N/A	°C	08/30/17	08/30/17	1735099	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
E. Coli	SM 9223	A		N/A	P/A	08/30/17	08/31/17	1735117	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/30/17	09/01/17	1735154	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.61	0.40	10	mg/L	08/30/17	08/30/17	1735071	
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HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

[illegible]

Clinical Laboratory of San Bernardino, Inc.



25 August 2017

Clinical Lab No.: 17H1055

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

Project Name: Standard Analysis
Sub Project: Monthly Compliance / Monthly 2nd Week August

Enclosed are the results of the analyses for samples received at the laboratory on 08/09/17. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles
Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Monthly Compliance / Monthly 2nd Week August
Project Manager: Mark Andersen

Work Order: 17H1055
Received: 08/09/17 16:00
Reported: 08/25/17

Raw Water Site #1

17H1055-01 (Water)

Sample Date: 08/09/17 8:35 Sampler: DGM

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

Cl Res Total (Field)	Field	0		N/A	mg/L	08/09/17	08/09/17	1732151	
pH (Field)	Field	7.57		N/A	pH Units	08/09/17	08/09/17	1732151	
Temperature (Field)	Field	22.5		N/A	°C	08/09/17	08/09/17	1732151	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732145	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732145	
Plate Count	SM9215B	140	1	500	CFU/ml	08/09/17	08/11/17	1732187	HT-08

General Physical Analyses

Apparent Color	SM 2120BM	10.0	3.0	15	Color Units	08/09/17	08/09/17	1732148	
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General Chemical Analyses

Hardness, Total (as CaCO ₃)	Calculated	380	6.6	N/A	mg/L	08/18/17	08/18/17	[CALC]	
Total Filterable Residue/TDS	SM 2540C	760	5.0	1000	mg/L	08/15/17	08/16/17	1733043	

Metals

Calcium (Ca)	EPA 200.7	99	1.0	N/A	mg/L	08/18/17	08/18/17	1733163	
Iron (Fe)	EPA 200.7	230	100	300	ug/L	08/18/17	08/18/17	1733161	
Magnesium (Mg)	EPA 200.7	32	1.0	N/A	mg/L	08/18/17	08/18/17	1733163	
Manganese (Mn)	EPA 200.7	190	20	50	ug/L	08/18/17	08/18/17	1733161	

Filter Effluent (Free Chlorine) Site #2

17H1055-02 (Water)

Sample Date: 08/09/17 8:23 Sampler: DGM

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

Cl Res Total (Field)	Field	4.5		N/A	mg/L	08/09/17	08/09/17	1732151	
pH (Field)	Field	7.54		N/A	pH Units	08/09/17	08/09/17	1732151	
Temperature (Field)	Field	22.8		N/A	°C	08/09/17	08/09/17	1732151	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732145	
E. Coli	SM 9223	A		N/A	P/A	08/09/17	08/10/17	1732145	
Plate Count	SM9215B	ND	1	500	CFU/ml	08/09/17	08/11/17	1732187	HT-08

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Monthly Compliance / Monthly 2nd Week August
Project Manager: Mark Andersen

Work Order: 17H1055
Received: 08/09/17 16:00
Reported: 08/25/17

Filter Effluent (Total Chlorine) Site #3

17H1055-03 (Water)

Sample Date: 08/09/17 8:25 **Sampler:** DGM

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

Cl Res Total (Field)	Field	5.075		N/A	mg/L	08/09/17	08/09/17	1732151	
pH (Field)	Field	7.74		N/A	pH Units	08/09/17	08/09/17	1732151	
Temperature (Field)	Field	23		N/A	°C	08/09/17	08/09/17	1732151	

General Physical Analyses

Apparent Color	SM 2120BM	ND	3.0	15	Color Units	08/09/17	08/09/17	1732148	
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Metals

Iron (Fe)	EPA 200.7	ND	100	300	ug/L	08/17/17	08/17/17	1733132	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	08/17/17	08/17/17	1733132	

Zone #2 Site #6

17H1055-04 (Water)

Sample Date: 08/09/17 8:25 **Sampler:** DGM

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

Cl Res Total (Field)	Field	2.34		N/A	mg/L	08/09/17	08/09/17	1732151	
pH (Field)	Field	8.58		N/A	pH Units	08/09/17	08/09/17	1732151	
Temperature (Field)	Field	18.8		N/A	°C	08/09/17	08/09/17	1732151	

General Chemical Analyses

Hardness, Total (as CaCO3)	Calculated	130	6.6	N/A	mg/L	08/18/17	08/18/17	[CALC]	
Total Filterable Residue/TDS	SM 2540C	340	5.0	1000	mg/L	08/15/17	08/16/17	1733043	

Metals

Calcium (Ca)	EPA 200.7	28	1.0	N/A	mg/L	08/18/17	08/18/17	1733163	
Magnesium (Mg)	EPA 200.7	14	1.0	N/A	mg/L	08/18/17	08/18/17	1733163	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Monthly Compliance / Monthly 2nd Week August
Project Manager: Mark Andersen

Work Order: 17H1055
Received: 08/09/17 16:00
Reported: 08/25/17

Reservoir Effluent Site #5 **17H1055-05 (Water)** **Sample Date:** 08/09/17 8:30 **Sampler:** DGM

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

Cl Res Total (Field)	Field	3.774		N/A	mg/L	08/09/17	08/09/17	1732151	
pH (Field)	Field	7.83		N/A	pH Units	08/09/17	08/09/17	1732151	
Temperature (Field)	Field	21.2		N/A	°C	08/09/17	08/09/17	1732151	

General Physical Analyses

Odor Threshold	EPA 140.1-M	2	1	3	TON	08/09/17	08/09/17	1732148	
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General Chemical Analyses

Hardness, Total (as CaCO3)	Calculated	250	6.6	N/A	mg/L	08/18/17	08/18/17	[CALC]	
Total Filterable Residue/TDS	SM 2540C	580	5.0	1000	mg/L	08/15/17	08/16/17	1733043	

Metals

Calcium (Ca)	EPA 200.7	62	1.0	N/A	mg/L	08/18/17	08/18/17	1733163	
Magnesium (Mg)	EPA 200.7	23	1.0	N/A	mg/L	08/18/17	08/18/17	1733163	

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



August 18, 2017

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



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

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

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

LABORATORY TEST RESULTS

Project Reference: 17H1055
Lab Number: I081101-01/02

Enclosed are results for sample(s) received 8/11/17 by Air Technology Laboratories. Samples were received intact and properly chilled. 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 NELAC Standards.
- The enclosed results relate only to the sample(s).

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

Sincerely,

A handwritten signature in blue ink, appearing to read "Mark Johnson", is written over a white background.

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
17H1055

2 of 4
1081101

I081101-01/02

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 [] ybarra@clinical-lab.com [☒ styles@clinical-lab.com [] nelson@clinical-lab.com

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

Water Trax Upload Client: [] Yes [☒ No

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

Subcontract Comments:

Analysis

Comments

81 Sample ID: Raw Water Site #1 / 17H1055-01

Sampled: 08/09/17 08:35 PS Code:
Water

WTX ID:

Methane RSK175

Report in mg/L

Containers Supplied:

40ml Amber Vial (B)

40ml Amber Vial (C)

22 Sample ID: Reservoir Effluent Site #5 / 17H1055-05

Sampled: 08/09/17 08:30 PS Code:
Water

WTX ID:

Methane RSK175

Report in mg/L

Containers Supplied:

40ml Amber Vial (B)

40ml Amber Vial (C)

Released By

08/11/17 07:30

Received By

30C
08/11/17
8/11/17 8:30

Released By

8/11/17 0946

Received By

8/11/17 0946

Client: Clinical Laboratory
Attn: Stu Styles
Project Name: NA
Project No.: 17H1055
Date Received: 08/11/17
Matrix: Water
Reporting Units: mg/L

RSK175

Lab No.:	I081101-01	I081101-02		
Client Sample I.D.:	Raw Water Site #1/17H1055-01	Reservoir Effluent Site #5/17H1055-02		
Date/Time Sampled:	8/9/17 8:35	8/9/17 8:30		
Date/Time Analyzed:	8/18/17 9:51	8/18/17 9:38		
QC Batch No.:	170818GC8A2	170818GC8A2		
Analyst Initials:	AS	AS		
Dilution Factor:	1.0	1.0		
ANALYTE	Result mg/L	RL mg/L	Result mg/L	RL mg/L
Methane	3.3	0.0010	0.42	0.0010

ND = Not Detected (below RL)

RL = Reporting Limit

Reviewed/Approved By: _____



Mark Johnson
Operations Manager

Date 8-18-17

The cover letter is an integral part of this analytical report



QC Batch No.: 170818GC8A2
Matrix: Water
Units: mg/L

QC for Dissolved Gases by EPA Procedure RSKSOP-175

Lab No.:		Method Blank		LCS		LCSD			
Date/Time Analyzed:		8/18/17 9:23		8/18/17 8:51		8/18/17 9:08			
Analyst Initials:		AS		AS		AS			
Datafile:		18aug003		18aug001		18aug002			
Dilution Factor:		1.0		1.0		1.0			
ANALYTE	PQL	RL	Results	% Rec.	Criteria	% Rec.	Criteria	%RPD	Criteria
Methane	0.0010	0.0010	ND	115	70-130%	104	70-130%	10.2	<30

PQL = Practical Quantitation Limit

ND = Not Detected (Below RL).

RL = PQL X Dilution Factor

Reviewed/Approved By:



Mark J. Johnson
Operations Manager

Date:

8-18-17

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

7-1055

Client		City of Lomita		System Number		Analysis Requested																					
Address		24373 Walnut Avenue		1910073																							
Phone #		Lomita, CA 91717																									
Fax #		(310) 325-9830		Destination Laboratory																							
		(310) 325-3627		[X] Clinical Laboratory																							
Project		Standard Analysis		RWQCB Compliance																							
Sub Project		CWPF Monthly Compliance Samples;		YES																							
Comments		2nd week of August		ELAP #																							
Sampled by		DGM		1088																							
Date	Time	Sample Identification		Matrix	Type	Preserv	Temp.	pH	Total Chlorine	Total Dissolved Solids		Iron & Manganese		E. Coli		Total Coliform		Heterotrophic Plate Count		Color		Odor		Methane (WATER) (RSK175)		Hardness	
8/9/2017	0820	Raw Water Site #1		GW	1W	N/A	22.5°	7.57	0	X		X															
8/9/2017	0835	Raw Water Site #1		GW	1W	2.7								X		X		X						X			
8/9/2017		Raw Water Site #1		GW	1W	1.7																					
8/9/2017	0823	Filter Effluent (Free Chlorine) Site#2		DW	1W	1.7	22.8°	7.54	4.50					X		X		X									
8/9/2017	0825	Filter Effluent (Total Chlorine) Site#3		DW	1W	N/A	23.0°	7.74	5.075			X															
8/9/2017	0825	Zone #2 Site #6		DW	1D	N/A	18.8°	8.58	2.34	X														X			
8/9/2017	0830	Reservoir Effluent Site #5		DW	1D	N/A	21.2°	7.83	3.774	X										X				X			
8/9/2017	0830	Reservoir Effluent Site #5		DW	1D	2.7																		X			
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl (5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Gold (8) Other:				Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW-Ground Water, A-Air		Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D-Dist.										Type- 1-											
Relinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)		Print Name / Company																			
Patricia McCue		City of Lomita, CA		8/9/2017																							
BBlowney C. L. S. B.		BBlowney C. L. S. B.		8/9/17		4:00																					
Comments:				Samples received: (X) On ice (X) Intact (X) Custody seals Temp 10 () F (X) C																							
Shipped Via		Fed X		Golden State		UPS		Client		Other		Page 1 of 1															