


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

CITY OF LOMITA	1910073			
Sampling Period October	Year 2016			
	Number Required	Number Collected	Number Total Coliform Positives	Number Fecal/ E.coli Positives
1. Routine Samples (see note 1)	<u>20</u>	<u>20</u>	<u>0</u>	<u>0</u>
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E.coli Negative (see notes 5 and 6)		<u>0</u>	<u>0</u>	<u>0</u>
3. Repeat Samples Following Routine Samples Which are Total Coliform Positive and Fecal/E.coli Positive (see notes 5 and 6)		<u>0</u>	<u>0</u>	<u>0</u>
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)	<u>20</u>	<u>20</u>	<u>0</u>	
b. If 40 or more samples collected in month, determine percent of samples that are total coliform positive [(total number positive/total number collected) x 100]	<u>N/A</u>			
c. Is system in compliance... with fecal/E. coli MCL? (see notes 2 and 3)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
...with monthly MCL? (see note 4)	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No		
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive (This applies only to systems subject to the Groundwater Rule - see notes 7 and 8)		<u>0</u>	<u>0</u>	<div style="border: 1px solid black; padding: 2px;">0</div>
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 11/10/2016	

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
PUBLIC WORKS DEPARTMENT**

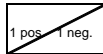
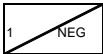
RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

SYSTEM NO: **1910073** MONTH: **OCTOBER** YEAR: **2016**

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	OFFLINE	OFFLINE	1 NEG		
TOTAL	1	1	1	1	1	1	1	1	1	1		

EXAMPLES:



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

COMMENTS: The CWPF was offline for the first 3 weeks of October 2016 and was put back online on October 24, 2016. Blended water was released into Zone I on October 25, 2016.

SIGNATURE: _____

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

Date: 11/10/2016

CITY OF LOMITA
RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE

System Name: CITY OF LOMITA

System No. 1910073


Month: October

Year: 2016

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	10/19/2016	Absent	Absent

COMMENTS: The CWPF was offline for the first 3 weeks of October 2016 and was put back online on October 24, 2016. Blended water was released into Zone I on October 25, 2016.

	Signature	Date
Mark A. McAvoy, P.E., Public Works Director/City Engineer		11/10/2016

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: October Year: 2016

DISINFECTION PROCESS DATA

Disinfectant residual type: Free chlorine (including well sources) _____

Free chlorine (no well sources) _____

Chloramines (including well sources) X

Chloramines (no well sources) _____

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

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	1	Investigated situation. Chlorine residual and pressure readings 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:



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

Date:

11/10/2016

CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY

Sep-16

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	9/7/2016	10:30 AM	0	1	ND	8.17	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	9/7/2016	8:10 AM	0	1	ND	8.16	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	9/14/2016	-	0	1	ND	8.21	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	9/14/2016	-	0	1	ND	7.59	1
13-5 2500 PCH	9/14/2016	-	0	1	ND	8.12	2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	9/21/2016	8:45 AM	0	1	0.4	8.19	2
13-2 26314 S. Monte Vta.	9/21/2016	8:30 AM	0	1	ND	8.09	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	9/28/2016	7:10 AM	0	1	ND	8.41	1
13-4 24632 S. Moon Ave.	9/28/2016	7:25 AM	0	1	ND	8.32	1
13-5 2500 PCH							2

Oct-16

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	10/5/2016	7:00 AM	ND	1	ND	8.66	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	10/5/2016	8:30 AM	ND	1	ND	8.38	1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	10/12/2016	9:20 AM	ND	1	ND	8.26	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	10/12/2016	7:25 AM	ND	1	ND	8.03	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	10/19/2016	7:35 AM	ND	1	ND	8.3	1
13-5 2500 PCH	10/19/2016	8:05 AM	ND	1	ND	8.12	2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	10/26/2016	9:15 AM	ND	1	ND	8.24	3
13-3 1948 W. 252nd St.	10/26/2016	7:25 AM	ND	1	ND	8.31	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

SIGNATURE: _____

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

DATE: _____

11/10/2016

CITY OF LOMITA MONTHLY CHLORINE RESIDUAL SUMMARY

Sep-16

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	9/7/2016	10:30 AM	1.80	A	A	2
13-2 26314 S. Monte Vta.	9/7/2016	10:15 AM	2.40	A	A	3
13-3 1948 W. 252nd St.	9/7/2016	8:10 AM	1.60	A	A	1
13-4 24632 S. Moon Ave.	9/7/2016	10:45 AM	1.70	A	A	1
13-5 2500 PCH	9/7/2016	8:25 AM	1.80	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	9/14/2016	-	2.00	A	A	2
13-2 26314 S. Monte Vta.	9/14/2016	-	2.10	A	A	3
13-3 1948 W. 252nd St.	9/14/2016	-	1.80	A	A	1
13-4 24632 S. Moon Ave.	9/14/2016	-	2.11	A	A	1
13-5 2500 PCH	9/14/2016	-	1.70	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	9/21/2016	8:45 AM	2.00	A	A	2
13-2 26314 S. Monte Vta.	9/21/2016	8:30 AM	1.90	A	A	3
13-3 1948 W. 252nd St.	9/21/2016	7:30 AM	1.60	A	A	1
13-4 24632 S. Moon Ave.	9/21/2016	7:10 AM	1.60	A	A	1
13-5 2500 PCH	9/21/2016	9:30 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.	9/28/2016	8:25 AM	1.99	A	A	2
13-2 26314 S. Monte Vta.	9/28/2016	8:10 AM	2.13	A	A	3
13-3 1948 W. 252nd St.	9/28/2016	7:10 AM	2.15	A	A	1
13-4 24632 S. Moon Ave.	9/28/2016	7:25 AM	2.06	A	A	1
13-5 2500 PCH	9/28/2016	7:55 AM	1.69	A	A	2

Average

1.91

SIGNATURE:



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

Oct-16

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	10/5/2016	7:20 AM	2.20	A	A	2
13-2 26314 S. Monte Vta.	10/5/2016	7:00 AM	2.10	A	A	3
13-3 1948 W. 252nd St.	10/5/2016	8:00 AM	2.04	A	A	1
13-4 24632 S. Moon Ave.	10/5/2016	8:30 AM	1.96	A	A	1
13-5 2500 PCH	10/5/2016	9:10 AM	1.84	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	10/12/2016	9:20 AM	2.30	A	A	2
13-2 26314 S. Monte Vta.	10/12/2016	9:40 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	10/12/2016	7:25 AM	2.40	A	A	1
13-4 24632 S. Moon Ave.	10/12/2016	7:55 AM	2.06	A	A	1
13-5 2500 PCH	10/12/2016	8:55 AM	1.60	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	10/19/2016	8:40 AM	1.98	A	A	2
13-2 26314 S. Monte Vta.	10/19/2016	8:55 AM	1.86	A	A	3
13-3 1948 W. 252nd St.	10/19/2016	7:10 AM	1.94	A	A	1
13-4 24632 S. Moon Ave.	10/19/2016	7:35 AM	1.81	A	A	1
13-5 2500 PCH	10/19/2016	8:05 AM	1.30	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	10/26/2016	9:00 AM	2.00	A	A	2
13-2 26314 S. Monte Vta.	10/26/2016	9:15 AM	2.17	A	A	3
13-3 1948 W. 252nd St.	10/26/2016	7:25 AM	1.92	A	A	1
13-4 24632 S. Moon Ave.	10/26/2016	7:45 AM	1.95	A	A	1
13-5 2500 PCH	10/26/2016	8:30 AM	2.04	A	A	2

Average

1.99

DATE:

11/10/2016

1MONTHLY NITRIFICATION MONITORING SUMMARY REPORT
CITY OF LOMITA, System No. 1910073 --- Month, Year: October 2016

#	C o d e	Sample I.D	Location	Sample Date (and Time)	Temp	pH	Total Chlorine	Free Chlorine	Total Ammonia	Free Ammonia	Nitrite	Nitrate	Coliform ²	HPC	Z o n e	Comments
Units/Others→				MM/DD/YYYY Xx:xx am/pm	°C		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	P/A	CFU/ml		
1	D	S13-003	1948 W. 252 nd St	10/5/2016	23.5	8.4	2.04	0.03	0.38	0.13	0.007	0.48	A	ND	1	MWD Only
2	D	S13-004	24632 S Moon Av	10/5/2016	23.6	8.38	1.96	0.09	0.36	0.07	0.005	0.47	A	ND	1	MWD Only
3	D	S13-008	25417 Pennsylvania Av	10/5/2016	24.1	8.41	1.22	0.53	0.31	0.14	0.006	0.62	A	ND	1	MWD Only
4	D	A	2052 Dawn St	10/5/2016	23.0	8.5	1.81	0.13	0.41	0.21	0.010	ND	A	ND	1	MWD Only
5	D		Reservoir	CWPF OFFLINE											1	-
6	D	S13-001	1912 W. 259 th Pl	10/5/2016	21.9	8.47	2.2	0.11	0.37	0.17	0.004	0.48	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vta.	10/5/2016	21.2	8.66	2.1	0.19	0.39	0.22	0.005	0.49	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	10/5/2016	24.5	8.42	1.84	0.11	0.34	0.11	0.009	0.61	A	ND	2	MWD Only
1	D	S13-003	1948 W. 252 nd St	10/12/2016	21.4	8.03	2.4	0.12	0.38	0.10	0.003	ND	A	ND	1	MWD Only
2	D	S13-004	24632 S Moon Av	10/12/2016	21.9	8.11	2.06	0.07	0.38	0.14	0.005	ND	A	ND	1	MWD Only
3	D	S13-008	25417 Pennsylvania Av	10/12/2016	22.4	8.12	1.31	0	0.31	0.15	0.006	ND	A	ND	1	MWD Only
4	D	A	2052 Dawn St	10/12/2016	22.5	7.29	1.90	0.17	0.38	0.19	0.006	ND	A	2	1	MWD Only
5	D		Reservoir	CWPF OFFLINE											1	-
6	D	S13-001	1912 W. 259 th Pl	10/12/2016	23.2	8.26	2.3	0	0.39	0.18	0.004	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vta.	10/12/2016	23.1	8.22	2.3	0	0.37	0.16	0.004	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	10/12/2016	22.9	8.18	1.6	0.46	0.38	0.11	0.006	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W. 252 nd St	10/19/2016	19.1	8.37	1.94	0.19	0.38	0.13	0.008	ND	A	ND	1	MWD Only
2	D	S13-004	24632 S Moon Av	10/19/2016	19.7	8.3	1.81	0.75	0.38	0.14	0.010	ND	A	ND	1	MWD Only
3	D	S13-008	25417 Pennsylvania Av	10/19/2016	20.5	8.26	1.22	0.13	0.29	0.19	0.019	ND	A	ND	1	MWD Only
4	D	A	2052 Dawn St	10/19/2016	21.8	8.42	1.82	0.35	0.38	0.16	0.019	ND	A	10	1	MWD Only
5	D		Reservoir	CWPF OFFLINE											1	-
6	D	S13-001	1912 W. 259 th Pl	10/19/2016	21.7	8.24	1.98	0	0.41	0.17	0.011	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vta.	10/19/2016	21.9	8.21	1.86	0.24	0.32	0.17	0.011	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	10/19/2016	19.0	8.12	1.3	0.06	0.43	0.19	0.015	0.41	A	ND	2	MWD Only
1	D	S13-003	1948 W. 252 nd St	10/26/2016	21.6	8.31	1.92	0.19	0.41	0.13	0.005	ND	A	ND	1	We//MWD Blend
2	D	S13-004	24632 S Moon Av	10/26/2016	21.0	8.16	1.95	0.05	0.44	0.21	0.008	ND	A	ND	1	We//MWD Blend
3	D	S13-008	25417 Pennsylvania Av	10/26/2016	21.7	8.12	1.1	0.38	0.37	0.17	0.011	ND	A	ND	1	We//MWD Blend
4	D	A	2052 Dawn St	10/26/2016	23.3	8.13	2.01	0	0.43	0.18	0.009	ND	A	ND	1	We//MWD Blend
5	D		Reservoir	10/26/2016	21.4	8.00	2.40	0.19	0.60	0.17	-	ND	A	ND	1	We//MWD Blend
6	D	S13-001	1912 W. 259 th Pl	10/26/2016	21.8	8.23	2.00	0.10	0.38	0.15	0.010	ND	A	1	2	MWD Only
7	D	S13-002	26314 S Monte Vta.	10/26/2016	22.3	8.24	2.17	0.26	0.34	0.15	0.012	ND	A	1	3	MWD Only
8	D	S13-005	2500 PCH	10/26/2016	21.3	8.25	2.04	0	0.39	0.17	0.015	ND	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.

APPENDIX A

LABORATORY RESULTS

Clinical Laboratory of San Bernardino, Inc.



17 October 2016

Clinical Lab No.: 16J0433

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

Project Name: Standard Analysis
Sub Project: Distribution Monthly - 1st Week October 2016

Enclosed are the results of the analyses for samples received at the laboratory on 10/05/16 . 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 Monthly - 1st Week October 2016
Project Manager: Mark Andersen

Work Order: 16J0433
Received: 10/05/16 16:25
Reported: 10/17/16

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

16J0433-01 (Water)

Sample Date: 10/05/16 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	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.47		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	21.9		N/A	°C	10/05/16	10/05/16	1641325	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.48	0.40	10	mg/L	10/06/16	10/06/16	1641265	
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26314 S. Monte Vista Ave. (S13-002 Zone: 3)

16J0433-02 (Water)

Sample Date: 10/05/16 7:00 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.19		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	2.1		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.66		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	21.2		N/A	°C	10/05/16	10/05/16	1641325	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/05/16	10/05/16	1641355	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/05/16	10/05/16	1641355	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/05/16	10/05/16	1641355	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.49	0.40	10	mg/L	10/06/16	10/06/16	1641265	
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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 Monthly - 1st Week October 2016
Project Manager: Mark Andersen

Work Order: 16J0433
Received: 10/05/16 16:25
Reported: 10/17/16

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

16J0433-03 (Water)

Sample Date: 10/05/16 8:00 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.03		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.4		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	23.5		N/A	°C	10/05/16	10/05/16	1641325	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.48	0.40	10	mg/L	10/06/16	10/06/16	1641265	
Ortho-Phosphate (as P)	HACH 8048	0.011	0.0067	N/A	mg/L	10/06/16	10/06/16	1641337	
Phosphorus (Total as P)	HACH 8190	0.045	0.0067	N/A	mg/L	10/10/16	10/10/16	1642028	

24632 S Moon Ave (S13-004 Zone 1)

16J0433-04 (Water)

Sample Date: 10/05/16 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	0.09		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.96		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.38		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	23.6		N/A	°C	10/05/16	10/05/16	1641325	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/05/16	10/05/16	1641355	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/05/16	10/05/16	1641355	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/05/16	10/05/16	1641355	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.47	0.40	10	mg/L	10/06/16	10/06/16	1641265	
Ortho-Phosphate (as P)	HACH 8048	0.012	0.0067	N/A	mg/L	10/06/16	10/06/16	1641337	
Phosphorus (Total as P)	HACH 8190	0.027	0.0067	N/A	mg/L	10/10/16	10/10/16	1642028	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Monthly - 1st Week October 2016
Project Manager: Mark Andersen

Work Order: 16J0433
Received: 10/05/16 16:25
Reported: 10/17/16

2500 PCH (S13-005 Zone 2)

16J0433-05 (Water)

Sample Date: 10/05/16 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	0.11		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.84		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.42		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	24.5		N/A	°C	10/05/16	10/05/16	1641325	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.61	0.40	10	mg/L	10/06/16	10/06/16	1641265	
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25417 Pennsylvania Ave (S13-008 Zone 1)

16J0433-06 (Water)

Sample Date: 10/05/16 8:50 Sampler: CB

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

Cl Res Free (Field)	Field	0.53		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.22		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.41		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	24.1		N/A	°C	10/05/16	10/05/16	1641325	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.62	0.40	10	mg/L	10/06/16	10/06/16	1641265	
Ortho-Phosphate (as P)	HACH 8048	0.0081	0.0067	N/A	mg/L	10/06/16	10/06/16	1641337	
Phosphorus (Total as P)	HACH 8190	0.028	0.0067	N/A	mg/L	10/10/16	10/10/16	1642028	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Monthly - 1st Week October 2016
Project Manager: Mark Andersen

Work Order: 16J0433
Received: 10/05/16 16:25
Reported: 10/17/16

2052 Dawn St (A Zone: 1)

16J0433-07 (Water)

Sample Date: 10/05/16 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	0.13		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.81		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.5		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	23		N/A	°C	10/05/16	10/05/16	1641325	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	A		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/06/16	10/06/16	1641265	
Ortho-Phosphate (as P)	HACH 8048	0.016	0.0067	N/A	mg/L	10/06/16	10/06/16	1641337	
Phosphorus (Total as P)	HACH 8190	0.029	0.0067	N/A	mg/L	10/10/16	10/10/16	1642028	

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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Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

1167 16J0433

[illegible]

Clinical Laboratory of San Bernardino, Inc.



25 October 2016

Clinical Lab No.: 16J1030

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly - 2nd Week October 2016

Enclosed are the results of the analyses for samples received at the laboratory on 10/12/16 . 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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1030
Received: 10/12/16 16:00
Reported: 10/25/16

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

16J1030-01 (Water)

Sample Date: 10/12/16 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		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.26		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	23.2		N/A	°C	10/12/16	10/12/16	1642361	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/12/16	10/12/16	1642331	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/12/16	10/12/16	1642331	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/12/16	10/12/16	1642331	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
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26314 Monte Vista Ave. (S13-002 Zone: 3)

16J1030-02 (Water)

Sample Date: 10/12/16 9:40 **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		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.22		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	23.1		N/A	°C	10/12/16	10/12/16	1642361	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
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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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1030
Received: 10/12/16 16:00
Reported: 10/25/16

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

16J1030-03 (Water)

Sample Date: 10/12/16 7:25 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.12		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.03		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	21.4		N/A	°C	10/12/16	10/12/16	1642361	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	HT-08

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/12/16	10/12/16	1642331	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/12/16	10/12/16	1642331	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/12/16	10/12/16	1642331	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
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24632 S. Moon Ave. (S13-004 Zone: 1)

16J1030-04 (Water)

Sample Date: 10/12/16 7:55 **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	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.06		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.11		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	21.9		N/A	°C	10/12/16	10/12/16	1642361	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
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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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1030
Received: 10/12/16 16:00
Reported: 10/25/16

2500 PCH (S13-005 Zone: 2)

16J1030-05 (Water)

Sample Date: 10/12/16 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	0.46		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	1.6		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.18		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	22.9		N/A	°C	10/12/16	10/12/16	1642361	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
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25417 Pennsylvania Ave (S13-008 Zone: 1)

16J1030-06 (Water)

Sample Date: 10/12/16 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		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	1.31		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.12		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	22.4		N/A	°C	10/12/16	10/12/16	1642361	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
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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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1030
Received: 10/12/16 16:00
Reported: 10/25/16

2052 Dawn St (A Zone: 1)

16J1030-07 (Water)

Sample Date: 10/12/16 7:05 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.17		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	1.9		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	7.29		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	22.5		N/A	°C	10/12/16	10/12/16	1642361	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	A		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	2	1	500	CFU/ml	10/12/16	10/14/16	1642413	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
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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

Chain of Custody

Chain of Custody

16J1030

Client		City of Lomita		System Number		Analysis Requested								
Address		24373 Walnut Avenue Lomita, CA 91717		1910073										
Phone #		(310) 325-9830		Destination Laboratory										
Fax #		(310) 325-3627		[X] Clinical Laboratory										
Project		Standard Analysis		RWQCB Compliance										
Sub Project		Distribution Weekly - 2nd Week October 2016												
Comments				1088										
Sampled by		CB												
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine	General Physical	Nitrate	HPC	PH	Ortho T/ Ortho P
10/12/2016	7:25 AM	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	23.2	0	2.3	X	X	X	8.26	
10/12/2016	9:40	26314 Monte Vista (S13-002 Zone: 3)	DW	1,7	1D	2	23.1	0	2.3	X	X	X	8.22	
10/12/2016	7:25 AM	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	21.4	.12	2.4	X	X	X	8.03	
10/12/2016	7:55 AM	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	21.7	.01	2.06	X	X	X	8.11	
10/12/2016	8:55 AM	2500 PCH (S13-005 Zone: 2)	DW	1,7	1D	5	22.7	.16	1.60	X	X	X	8.18	
		Reservoir SP5	DW	1,7	1D									PLANT OFF
10/12/2016	8:35 AM	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	7	22.4	0	1.31	X	X	X	8.12	
10/12/2016	7:05 AM	2052 Dawn St (A Zone: 1)	DW	1,7	1D	8	22.5	.17	1.90	X	X	X	7.29	
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)								
Carlos Rodriguez		City of Lomita		10/12/2016 12:00		J. Lucena								
J. Lucena		J. Lucena / CSB		10/12/16 4:00		AM / CSB								
Samples received: <input checked="" type="checkbox"/> On ice <input checked="" type="checkbox"/> Intact <input type="checkbox"/> () Custody seals Temp 10.5 () F <input checked="" type="checkbox"/> C														
Shipped Via		Fed X		Golden State		UPS		Client		Other		Page 1 of 1		

Clinical Laboratory of San Bernardino, Inc.



27 October 2016

Clinical Lab No.: 16J1574

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly - 3rd Week October 2016

Enclosed are the results of the analyses for samples received at the laboratory on 10/19/16 . 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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1574
Received: 10/19/16 16:00
Reported: 10/27/16

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

16J1574-01 (Water)

Sample Date: 10/19/16 8:40 **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		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.98		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.24		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	21.7		N/A	°C	10/19/16	10/19/16	1643375	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	
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26314 Monte Vista (S13-002 Zone: 3)

16J1574-02 (Water)

Sample Date: 10/19/16 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	0.24		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.86		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.21		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	21.9		N/A	°C	10/19/16	10/19/16	1643375	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	
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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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1574
Received: 10/19/16 16:00
Reported: 10/27/16

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

16J1574-03 (Water)

Sample Date: 10/19/16 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	0.19		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.94		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.37		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	19.1		N/A	°C	10/19/16	10/19/16	1643375	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	
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24632 S. Moon Ave (S13-004 Zone: 1)

16J1574-04 (Water)

Sample Date: 10/19/16 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	0.75		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.81		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.3		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	19.7		N/A	°C	10/19/16	10/19/16	1643375	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/19/16	10/19/16	1643328	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/19/16	10/19/16	1643328	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/19/16	10/19/16	1643328	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	
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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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1574
Received: 10/19/16 16:00
Reported: 10/27/16

2500 PCH (S13-005 Zone: 2)

16J1574-05 (Water)

Sample Date: 10/19/16 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	0.06		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.3		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.12		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	19		N/A	°C	10/19/16	10/19/16	1643375	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/19/16	10/19/16	1643328	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/19/16	10/19/16	1643328	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/19/16	10/19/16	1643328	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	0.41	0.40	10	mg/L	10/20/16	10/20/16	1643283	
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25417 Pennsylvania Ave (S13-008 Zone: 1)

16J1574-06 (Water)

Sample Date: 10/19/16 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	0.13		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.22		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.26		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	20.5		N/A	°C	10/19/16	10/19/16	1643375	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	
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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 October 2016
Project Manager: Mark Andersen

Work Order: 16J1574
Received: 10/19/16 16:00
Reported: 10/27/16

2052 Dawn St (A Zone: 1)

16J1574-07 (Water)

Sample Date: 10/19/16 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	0.35		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.82		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.42		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	21.8		N/A	°C	10/19/16	10/19/16	1643375	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	10	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	
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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

Client		City of Lomita		System Number		Analysis Requested										
Address		24373 Walnut Avenue		1910073												
Phone #		Lomita, CA 91717														
Fax #		(310) 325-9830		Destination Laboratory												
Project		(310) 325-3627		[X] Clinical Laboratory												
		Standard Analysis		RWQCB Compliance												
Sub Project		Distribution Weekly - 3RD Week October 2016		YES												
Comments				1088												
Sampled by		CB														
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine	Total Coliform/E.coli P/A	General Physical	Nitrate	HPC	PH	Ortho T/ Ortho P	
10/19/2016	8:40 AM	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	21.7	0	1.98	X		X	X	8.24		
10/19/2016	8:55 AM	26314 Monte Vista (S13-002 Zone: 3)	DW	1,7	ID	2	21.9	.24	1.86	X		X	X	8.21		
10/19/2016	7:10 AM	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	19.1	.19	1.74	X		X	X	8.37		
10/19/2016	7:55 AM	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	19.7	.75	1.81	X		X	X	8.30		
10/19/2016	8:05 AM	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	19.0	.06	1.30	X		X	X	8.12		
		Reservoir SP5	DW	1,7	ID	6									NO H2O PRODUCTION	
10/19/2016	7:50 AM	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	7	20.5	.13	1.22	X		X	X	8.26		
10/19/2016	8:55 AM	2052 Dawn St (A Zone: 1)	DW	1,7	ID	8	21.8	.35	1.82	X		X	X	8.42		
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)										
Cupios Debaraglia		City of Lomita		10/19/2016 12:30		[Signature]		J. M. C. / J. M. C.								
[Signature]		J. M. C. / J. M. C.		10-19-16 / 4:00		[Signature]		AM C. C. C.								
Shipped Via		Fed X		Golden State		UPS		Client		Other		Samples received: (X) On ice () Intact () Custody seals Temp 10.9 () F () C				
												Page 1 of 1				

7/2

16J1574

Clinical Laboratory of San Bernardino, Inc.



28 October 2016

Clinical Lab No.: 16J1987

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly - 4th Week October 2016

Enclosed are the results of the analyses for samples received at the laboratory on 10/26/16 . 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 - 4th Week October 2016
Project Manager: Mark Andersen

Work Order: 16J1987
Received: 10/26/16 15:50
Reported: 10/28/16

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

16J1987-01 (Water)

Sample Date: 10/26/16 9:00 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.1		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	2		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.23		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.8		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	1	1	500	CFU/ml	10/26/16	10/28/16	1644393	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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26314 Monte Vista Ave. (S13-002 Zone: 3)

16J1987-02 (Water)

Sample Date: 10/26/16 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	0.26		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	2.17		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.24		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	22.3		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	1	1	500	CFU/ml	10/26/16	10/28/16	1644393	

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/26/16	10/26/16	1644318	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/26/16	10/26/16	1644318	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/26/16	10/26/16	1644318	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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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 - 4th Week October 2016
Project Manager: Mark Andersen

Work Order: 16J1987
Received: 10/26/16 15:50
Reported: 10/28/16

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

16J1987-03 (Water)

Sample Date: 10/26/16 7:25 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.19		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	1.92		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.31		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.6		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	HT-08

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/26/16	10/26/16	1644318	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/26/16	10/26/16	1644318	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/26/16	10/26/16	1644318	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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24632 S. Moon Ave (S13-004 Zone 1)

16J1987-04 (Water)

Sample Date: 10/26/16 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	0.05		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	1.95		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.16		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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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 - 4th Week October 2016
Project Manager: Mark Andersen

Work Order: 16J1987
Received: 10/26/16 15:50
Reported: 10/28/16

2500 PCH (S13-005 Zone 2)

16J1987-05 (Water)

Sample Date: 10/26/16 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		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.25		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.3		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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Reservoir SP5

16J1987-06 (Water)

Sample Date: 10/26/16 9:40 Sampler: CB

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

Cl Res Free (Field)	Field	0.19		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.4		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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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 - 4th Week October 2016
Project Manager: Mark Andersen

Work Order: 16J1987
Received: 10/26/16 15:50
Reported: 10/28/16

25417 Pennsylvania Ave (S13-008 Zone: 1)

16J1987-07 (Water)

Sample Date: 10/26/16 8:00 **Sampler:** CB

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

Cl Res Free (Field)	Field	0.38		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	1.1		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.12		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.7		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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2052 Dawn St (A Zone: 1)

16J1987-08 (Water)

Sample Date: 10/26/16 7:05 **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		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	2.01		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.13		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	23.3		N/A	°C	10/26/16	10/26/16	1644280	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	A		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	HT-08

General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
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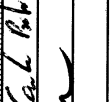
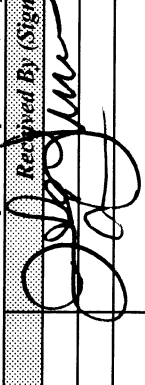
HT-08 Analysis performed outside of recommended 8 hour hold time but within required 24 hour hold time.

ND Analyte NOT DETECTED at or above the reporting limit

Chain of Custody

19

16J1987

Client		City of Lomita		System Number		Analysis Requested								
Address		24373 Walnut Avenue Lomita, CA 91717		1910073										
Phone #		(310) 325-9830		Destination Laboratory										
Fax #		(310) 325-3627		[X] Clinical Laboratory										
Project		Standard Analysis		RWQCB Compliance										
Sub Project		Distribution Weekly - 4th Week October 2016		YES										
Comments				1088										
Sampled by		CB												
Date	Time	Sample Identification	Matrix	Preserv.	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine	General Physical	Nitrate	HPC	PH	Ortho T/ Ortho P
10/26/2016	9:00 AM	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	ID	1	21.8	0.10	2.00	X	X	X	8.23	
10/26/2016	9:15 AM	26314 Monte Vista (S13-002 Zone:3)	DW	1,7	ID	2	22.3	0.26	2.17	X	X	X	8.24	
10/26/2016	7:25 AM	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	ID	3	21.6	0.19	1.92	X	X	X	8.31	
10/26/2016	7:45 AM	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	ID	4	21.0	0.05	1.95	X	X	X	8.16	
10/26/2016	8:30 AM	2500 PCH (S-13-005 Zone: 2)	DW	1,7	ID	5	21.3	0	2.04	X	X	X	8.25	
10/26/2016	9:40 AM	Reservoir SP5	DW	1,7	ID	6	21.4	0.19	2.4	X	X	X	8.00	
10/26/2016	8:00 AM	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	ID	7	21.7	0.38	1.10	X	X	X	8.12	
10/26/2016	7:05 AM	2052 Dawn St (A Zone: 1)	DW	1,7	ID	8	23.3	0	2.01	X	X	X	8.13	
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:														
Retinquished By (Sign)		Print Name / Company		Date / Time		Received By (Sign)								
 Carlos Robles City of Lomita		J. Lucero JCSB City of Lomita		10/26/2016 10:26:16 / 3:50		 J. Lucero JCSB City of Lomita								
Shipped Via				Samples received: <input checked="" type="checkbox"/> On Ice <input checked="" type="checkbox"/> Intact () Custody seals Temp 10.5 () F <input checked="" type="checkbox"/>										
Fed X Golden State UPS Client Other				Page 1 of 1										

Clinical Laboratory of San Bernardino, Inc.



03 November 2016

Clinical Lab No.: 16J1612

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

Project Name: Standard Analysis
Sub Project: CWPF 3rd Week OCT Sampling

Enclosed are the results of the analyses for samples received at the laboratory on 10/19/16 . 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: CWPf 3rd Week OCT Sampling
Project Manager: Mark Andersen

Work Order: 16J1612
Received: 10/19/16 16:00
Reported: 11/03/16

Reservoir Influent Site #1 **16J1612-01 (Water)** **Sample Date:** 10/19/16 9:30 **Sampler:** DM

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

pH (Field)	Field	7.47		N/A	pH Units	10/19/16	10/19/16	1644064	
Temperature (Field)	Field	21.5		N/A	°C	10/19/16	10/19/16	1644064	

Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	A		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	21	1	500	CFU/ml	10/19/16	10/21/16	1643424	

General Physical Analyses

Apparent Color	SM 2120B	10.0	3.0	15	Color Units	10/19/16	10/19/16	1643328	
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General Chemical Analyses

Hardness, Total (as CaCO3)	Calculated	330	6.6	N/A	mg/L	10/25/16	10/25/16	[CALC]	
Total Filterable Residue/TDS	SM 2540C	720	5.0	1000	mg/L	10/26/16	10/31/16	1644212	

Metals

Calcium (Ca)	EPA 200.7	87	1.0	N/A	mg/L	10/25/16	10/25/16	1644008	
Iron (Fe)	EPA 200.7	310	100	300	ug/L	10/27/16	10/27/16	1644218	
Magnesium (Mg)	EPA 200.7	28	1.0	N/A	mg/L	10/25/16	10/25/16	1644008	
Manganese (Mn)	EPA 200.7	150	20	50	ug/L	10/27/16	10/27/16	1644218	

Reservoir Effluent Site #6 **16J1612-02 (Water)** **Sample Date:** 10/19/16 10:00 **Sampler:** DM

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

Cl Res Total (Field)	Field	2.19		N/A	mg/L	10/19/16	10/19/16	1644064	
pH (Field)	Field	8.14		N/A	pH Units	10/19/16	10/19/16	1644064	
Temperature (Field)	Field	22.4		N/A	°C	10/19/16	10/19/16	1644064	

General Chemical Analyses

Hardness, Total (as CaCO3)	Calculated	240	6.6	N/A	mg/L	10/25/16	10/25/16	[CALC]	
Total Filterable Residue/TDS	SM 2540C	540	5.0	1000	mg/L	10/26/16	10/31/16	1644212	

Metals

Calcium (Ca)	EPA 200.7	58	1.0	N/A	mg/L	10/25/16	10/25/16	1644008	
Magnesium (Mg)	EPA 200.7	23	1.0	N/A	mg/L	10/25/16	10/25/16	1644008	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 16J1612

Report Date: 11/03/2016

Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

Page 1 of 1

LOMITA-CITY, WATER DEPT.

User ID: 4TH

System: 1910073

WELL 05	Station No.: 1910073-003			Sampled: 161019 09:30
COLOR	Result: 10.0	Units: UNITS	Entry No.: 00081	Analyzed: 161019
TOTAL HARDNESS (AS CaCO ₃)	Result: 330	Units: MG/L	Entry No.: 00900	Analyzed: 161025
CALCIUM	Result: 87	Units: MG/L	Entry No.: 00916	Analyzed: 161025
MAGNESIUM	Result: 28	Units: MG/L	Entry No.: 00927	Analyzed: 161025
IRON	Result: 310	Units: UG/L	Entry No.: 01045	Analyzed: 161027
MANGANESE	Result: 150	Units: UG/L	Entry No.: 01055	Analyzed: 161027
TOTAL DISSOLVED SOLIDS	Result: 720	Units: MG/L	Entry No.: 70300	Analyzed: 161031

Work Orders: 6J21016

Report Date: 11/03/2016

Project: 16J1612

Received Date: 10/21/2016

Turnaround Time: 5 workdays

Phones: (909) 825-7693

Fax: (909) 825-7696

P.O. #:

Attn: John Styles

Client: Clinical Laboratory of San Bernardino, Inc.
21881 Barton Road
Grand Terrace, CA 92313

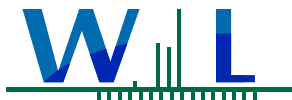
Dear John Styles,

Enclosed are the results of analyses for samples received 10/21/16 with the Chain-of-Custody document. The samples were received in good condition, at 1.0 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sample Results NELAP #E87847

Sample: Reservoir Influent Site #1/16J1612-01
6J21016-01 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Dissolved Gases in Water by RSK-175						
Method: RSK-175	Batch ID: W6K0217	Prepared: 10/31/16 10:05		Analyst: _sub		
Methane	3.8	0.0010	mg/l	1	10/31/16	S_AIR



WECK LABORATORIES, INC.

Certificate of Analysis

FINAL REPORT

Notes and Definitions

Item	Definition
S_AIR	Analysis subcontracted to Air Technology Laboratories, Inc., NELAP Certificate # E87847
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
MDL	Method Detection Limit
MRL	The minimum levels, concentrations, or quantities of a target variable (e.g., target analyte) that can be reported with a specified degree of confidence. The MRL is also known as Limit of Quantitation (LOQ) and Detection Limit for Reporting (DLR)
MDA	Minimum Detectable Activity
NR	Not Reportable
TIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance.

An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

All results are expressed on wet weight basis unless otherwise specified.

All samples collected by Weck Laboratories have been sampled in accordance to laboratory SOP Number MIS 002.

Not Certified Analyses Summary

Analyte	CAS #	Not Accredited By
RSK-175 in Water		
Methane	74-82-8	NELAP

Reviewed by:

Chris Samatmanakit For Brandon Gee
Operations Manager/Senior PM



DoD-ELAP #L15-366 • ELAP-CA #1132 • EPA-UCMR #CA00211 • HW-DOH # • ISO 17025 #L15-365 • LACSD #10143 • NELAP-OR #4047 • NJ-DEP #CA015 • NV-DEP #NAC 445A

This is a complete final report. The information in this report applies to the samples analyzed in accordance with the chain-of-custody document. Weck Laboratories certifies that the test results meet all requirements of TNI unless noted by qualifiers or written in the Case Narrative. This analytical report must be reproduced in its entirety.

SUBCONTRACT ORDER
Clinical Laboratory of San Bernardino
16J1612

6521016

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:

Weck Lab, Analytical & Environmental
Analytical & Environmental Svc 14859 E Clark Ave
Industry, CA 91745
Phone: (626) 336-2139
Fax: (626) 336-2634

Please email results to Project Manager: Stu Styles

[] glaubig@clinical-lab.com [] ybarra@clinical-lab.com [x] styles@clinical-lab.com [] nelson@clinical-lab.com

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

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

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

Subcontract Comments:

Analysis

Comments

Sample ID: Reservoir Influent Site #1 / 16J1612-01

Sampled: 10/19/16 09:30 PS Code: 1910073-003
Water WTX ID:

Methane RSK175

Report in mg/L

Containers Supplied:

40ml Amber Vial (C)

40ml Amber Vial (D)

Released By *Bl Shy*

10/21/16 07:45
Date / Time

Received By *Dan Chapman*

10/21/16 8:50
Date / Time

Released By *Dan Chapman*

10/21/16 9:58
Date / Time

Received By *Shantier*

10/21/16 09:58
Date / Time

1.02

"Your Water and Wastewater Analysis Solution"