

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

CITY OF LOMITA		1910073		
Sampling Period	Year	2016		
Month	SEPTEMBER	Number Required	Number Collected	Number Total Coliform Positives
1. Routine Samples (see note 1)		<u>20</u>	<u>20</u>	<u>0</u>
2. Repeat Samples Following Samples Which are Total Coliform Positive and Fecal/E.coli <b>Negative</b> (see notes 5 and 6)			<u>0</u>	<u>0</u>
3. Repeat Samples Following Routine Samples Which are Total Coliform <b>Positive</b> and Fecal/E.coli Positive (see notes 5 and 6)			<u>0</u>	<u>0</u>
4. MCL Computation For Total Coliform Positive Samples			<u>20</u>	<u>20</u>
a. Totals (sum of columns)				<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 <b>only</b> to systems subject to the Groundwater Rule - see notes 7 and 8)			<u>0</u>	<u>0</u>
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 Field Ops Manager Public Works Director/City Engineer	Date 10-11-16
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Comments: No groundwater source

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

**CITY OF LOMITA**  
**RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE**

System Name: C CITY OF LOMITA

System No. 1910073 Month: September 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	Offline	Monthly	9/28/2016	Absent	Absent

**COMMENTS:** The CWPF was offline during the month of September 2016. Raw water was sampled on 9/28/16 showing Absent for Total Coliform and Fecal Coliform.

Signature	Date
<i>Mark Andersen - For</i>	<i>10-11-16</i>
Mark A. McAvoy, P.E., Public Works Director/City Engineer	

**CITY OF LOMITA  
PUBLIC WORKS DEPARTMENT**

**RAW WATER COLIFORM MONITORING**

NAME OF WATER SYSTEM: LOMITA, CITY OF  
SYSTEM NO: **1910073** MONTH: **SEPTEMBER** YEAR: **2016**

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

EXAMPLES:  1 NEG

1 pos - 1 neg.

OFFLINE

NOT TAKEN

STANDBY

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

**COMMENTS:** The CWPF was offline during the month of September 2016. Raw water was sampled on 9/28/16 showing Absent for Total Coliform and Fecal Coliform.

SIGNATURE: Mark Andersen - For  
Mark A. McAvoy, P.E., Public Works Director/City Engineer

Date: 10/11/16

# MONTHLY SUMMARY OF MONITORING FOR SURFACE WATER TREATMENT REGULATIONS

System Name: **CITY OF LOMITA** System No.: **1910073**  
 Wholesaler Name: **WEST BASIN MUNICIPAL WATER DISTRICT**  
 Month: **September** Year: **2016**

## DISINFECTION PROCESS DATA

Disinfectant residual type:

Free chlorine (including well sources)	_____
Free chlorine (no well sources)	_____
Chloramines (including well sources)	<input checked="" type="checkbox"/>
Chloramines (no well sources)	<input checked="" type="checkbox"/>

No. of distribution system residual samples collected:	20
No. of distribution system samples for HPC only:	0
Total No. residual and/or HPC samples collected:	20
No. of samples with no detectable residual and HPC is not measured:	0
No. of samples with no residual and HPC > 500 CFU/ml:	0
No. of samples for HPC only and HPC > 500 CFU/ml:	0
Total No. of samples with no residual and/or HPC > 500 CFU/ml:	0
Compute V = 1 - Total No. samples with no residual and/or HPC > 500 X 100 =	100
Total No. residual and/or HPC samples collected	
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	3	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):

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Signature:

Mark Andersen - For

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

Date:

10/11/16

**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.							
13-3 1948 W. 252nd St.	9/7/2016	8:10 AM	0	1	ND	8.16	1
13-4 24632 S. Moon Ave.							
13-5 2500 PCH							
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							
13-2 26314 S. Monte Vta.	9/14/2016	-	0	1	ND	8.21	3
13-3 1948 W. 252nd St.							
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.							
13-4 24632 S. Moon Ave.							
13-5 2500 PCH							
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							
13-2 26314 S. Monte Vta.							
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							

Oct-16

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

SIGNATURE:

*Mark Anderson - For*

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

DATE: *10/11/16*

**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

1.91

Average

#DIV/0!

Average

#DIV/0!

Average

#DIV/0!

SIGNATURE:  
Marcus Andansen - For  
 Mark A. McAvoy, P.E., Public Works Director/City Engineer

DATE: 10-11-16

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

System Name: CITY OF LOMITA System No.: 1910073

Calendar Year: 2016 Quarter: 3RD

1st Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Year	April	1.99
	May	2.14
	June	2.04
	July	1.63
	August	1.45
	September	1.54
	October	1.91
	November	2.08
	December	2.00
	January	1.45
	February	1.76
	March	1.66
Running Annual Average (RAA):		1.80
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl <sub>2</sub> )		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

2nd Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Previous Year	July	1.63
	August	1.45
	September	1.54
	October	1.91
	November	2.08
	December	2.00
	January	1.45
	February	1.76
	March	1.66
	April	20
	May	20
	June	25
Running Annual Average (RAA):		1.80
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl <sub>2</sub> )		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

3rd Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Current Year	October	1.91
	November	2.08
	December	2.00
	January	1.45
	February	1.76
	March	1.66
	April	1.99
	May	2.08
	June	2.03
	July	20
	August	25
	September	20
Running Annual Average (RAA):		1.90
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl <sub>2</sub> )		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

4th Quarter		
Month	Number of Samples Taken	Monthly Avg. Chlorine Level (mg/L)
Current Year	January	1.45
	February	1.76
	March	1.66
	April	1.99
	May	2.08
	June	2.03
	July	1.89
	August	2.07
	September	1.91
	October	
	November	
	December	
Running Annual Average (RAA):		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl <sub>2</sub> )		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

Comments:

Signature:

*Mark Andersen - Fm*

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

Date:

*10/11/16*

**<sup>1</sup>MONTHLY NITRIFICATION MONITORING SUMMARY REPORT  
CITY OF LOMITA, System No. 1910073 --- Month, Year: September 2016**

#	C o d  e	Sample I.D	Location	Sample Date (and Time)	Temp °C	pH	Total Chlorine	Free Chlorine	Total Ammonia	Free Ammonia	Nitrite	Nitrate	Coliform <sup>2</sup>	HPC	Z o n  e	Comments
<b>Units/Others →</b>																
1	D	S13-003	1948 W. 252 <sup>nd</sup> St	9/7/2016 xx:xx am/pm	24.7	8.16	1.60	0.06	ND	0.005	ND	A	ND	1	MWD Only	
2	D	S13-004	24632 S Moon Av	9/7/2016	27.0	8.15	1.70	0.06	ND	0.003	ND	A	ND	1	MWD Only	
3	D	S13-008	25417 Pennsylvania Av	9/7/2016	26.3	7.82	1.60	0.06	ND	0.006	ND	A	ND	1	MWD Only	
4	D	A	2052 Dawn St	9/7/2016	26.1	7.73	1.80	0.07	ND	0.006	ND	A	ND	1	MWD Only	
5	D	<b>Reservoir</b>														
6	D	S13-001	1912 W. 259 <sup>th</sup> Pl	9/7/2016	26.9	8.17	1.80	0.04	ND	0.004	ND	A	ND	2	MWD Only	
7	D	S13-002	26314 S Monte Vta.	9/7/2016	26.8	8.08	2.4	0.06	ND	0.003	ND	A	ND	3	MWD Only	
8	D	S13-005	2500 PCH	9/7/2016	25.6	8.13	1.80	0.03	ND	0.004	ND	A	ND	2	MWD Only	
1	D	S13-003	1948 W. 252 <sup>nd</sup> St	9/14/2016	25.7	8.27	1.80	0.07	ND	0.012	ND	A	ND	1	MWD Only	
2	D	S13-004	24632 S Moon Av	9/14/2016	23.6	7.59	2.11	0.03	ND	0.006	ND	A	ND	1	MWD Only	
3	D	S13-008	25417 Pennsylvania Av	9/14/2016	24.4	7.91	1.50	0.06	ND	0.007	ND	A	ND	1	MWD Only	
4	D	A	2052 Dawn St	9/14/2016	24.8	7.49	1.90	0.03	ND	0.007	ND	A	ND	1	MWD Only	
5	D	<b>Reservoir</b>														
6	D	S13-001	1912 W. 259 <sup>th</sup> Pl	9/14/2016	24.6	8.21	2.00	0.02	ND	0.009	ND	A	ND	2	MWD Only	
7	D	S13-002	26314 S Monte Vta.	9/14/2016	24.6	8.21	2.10	0.03	ND	0.009	ND	A	ND	3	MWD Only	
8	D	S13-005	2500 PCH	9/14/2016	24.2	8.12	1.70	0.03	ND	0.005	ND	A	ND	2	MWD Only	
1	D	S13-003	1948 W. 252 <sup>nd</sup> St	9/21/2016	25.2	7.59	1.60	0.04	0.38	0.11	0.007	ND	A	ND	1	MWD Only
2	D	S13-004	24632 S Moon Av	9/21/2016	24.3	7.49	1.60	0.03	0.39	0.05	0.007	ND	A	ND	1	MWD Only
3	D	S13-008	25417 Pennsylvania Av	9/21/2016	26.5	7.61	1.98	0.03	0.39	0.17	0.008	ND	A	ND	1	MWD Only
4	D	A	2052 Dawn St	9/21/2016	24.6	7.65	1.90	0.08	0.34	0.19	0.005	ND	A	ND	1	MWD Only
5	D	<b>Reservoir</b>														
6	D	S13-001	1912 W. 259 <sup>th</sup> Pl	9/21/2016	25.8	8.19	2.00	0.03	0.34	0.23	0.005	ND	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vta.	9/21/2016	25.1	8.09	1.90	0.03	0.30	0.18	0.007	ND	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	9/21/2016	26.4	8.00	2.10	0.02	0.38	0.10	0.011	ND	A	ND	2	MWD Only
1	D	S13-003	1948 W. 252 <sup>nd</sup> St	9/30/2016	24.2	8.41	2.15	0.02	0.38	0.18	0.006	0.48	A	ND	1	MWD Only
2	D	S13-004	24632 S Moon Av	9/30/2016	23.8	8.32	2.06	0.00	0.38	0.03	0.005	ND	A	ND	1	MWD Only
3	D	S13-008	25417 Pennsylvania Av	9/30/2016	24.3	8.27	1.71	0.00	0.29	0.15	0.006	0.41	A	ND	1	MWD Only
4	D	A	2052 Dawn St	9/30/2016	22.3	8.45	2.10	0.06	0.39	0.20	0.007	ND	A	ND	1	MWD Only
5	D	<b>Reservoir</b>														
6	D	S13-001	1912 W. 259 <sup>th</sup> Pl	9/30/2016	27.1	8.04	1.99	0.10	0.39	0.18	0.004	0.46	A	ND	2	MWD Only
7	D	S13-002	26314 S Monte Vta.	9/30/2016	24.2	7.92	2.13	0.00	0.39	0.22	0.006	0.46	A	ND	3	MWD Only
8	D	S13-005	2500 PCH	9/30/2016	24.2	7.37	1.69	0.05	0.31	0.10	0.011	ND	A	ND	2	MWD Only

<sup>1</sup>Notes: Report Due to DDW by the 10<sup>th</sup> 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).

Coliform results are part of weekly Bacti sampling results.

**APPENDIX A**

**LABORATORY RESULTS**

# Clinical Laboratory of San Bernardino, Inc.



21 September 2016

Clinical Lab No.: 16I0519

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

Project Name: Standard Analysis  
Sub Project: Distribution Weekly - 1st Week Sept 2016

Enclosed are the results of the analyses for samples received at the laboratory on 09/07/16. 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,

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 Sept 2016  
Project Manager: Mark Andersen

Work Order: 16I0519  
Received: 09/07/16 16:30  
Reported: 09/21/16

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

16I0519-01 (Water)

Sample Date: 09/07/16 10:30

Sampler: DGM

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

Cl Res Free (Field)	Field	<b>0.04</b>	N/A	mg/L	09/07/16	09/07/16	1637325
Cl Res Total (Field)	Field	<b>1.8</b>	N/A	mg/L	09/07/16	09/07/16	1637325
pH (Field)	Field	<b>8.17</b>	N/A	pH Units	09/07/16	09/07/16	1637325
Temperature (Field)	Field	<b>26.9</b>	N/A	°C	09/07/16	09/07/16	1637325

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
E. Coli	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/07/16	09/09/16	1637458

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/07/16	09/07/16	1637432
<b>Odor Threshold</b>	EPA 140.1M	<b>1</b>	1	3	TON	09/07/16	09/07/16	1637432
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/07/16	09/07/16	1637432

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639021
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639040
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/12/16	09/12/16	1638024 HT-01

26314 S. Monte Vista Ave. (S13-002 Zone: 3)

16I0519-02 (Water)

Sample Date: 09/07/16 10:15

Sampler: DGM

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

Cl Res Free (Field)	Field	<b>0.06</b>	N/A	mg/L	09/07/16	09/07/16	1637325
Cl Res Total (Field)	Field	<b>2.4</b>	N/A	mg/L	09/07/16	09/07/16	1637325
pH (Field)	Field	<b>8.08</b>	N/A	pH Units	09/07/16	09/07/16	1637325
Temperature (Field)	Field	<b>26.8</b>	N/A	°C	09/07/16	09/07/16	1637325

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
E. Coli	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/07/16	09/09/16	1637458

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639021
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639040
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/12/16	09/12/16	1638024 HT-01

# Clinical Laboratory of San Bernardino, Inc.



Lomita, City of  
24373 Walnut Avenue  
Lomita CA, 91717

Project: Standard Analysis  
Sub Project: Distribution Weekly - 1st Week Sept 2016  
Project Manager: Mark Andersen

Work Order: 16I0519  
Received: 09/07/16 16:30  
Reported: 09/21/16

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

16I0519-03 (Water)

Sample Date: 09/07/16 8:10

Sampler: DGM

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

Cl Res Free (Field)	Field	<b>0.06</b>	N/A	mg/L	09/07/16	09/07/16	1637325
Cl Res Total (Field)	Field	<b>1.6</b>	N/A	mg/L	09/07/16	09/07/16	1637325
pH (Field)	Field	<b>8.16</b>	N/A	pH Units	09/07/16	09/07/16	1637325
Temperature (Field)	Field	<b>24.7</b>	N/A	°C	09/07/16	09/07/16	1637325

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
E. Coli	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/07/16	09/09/16	1637458 HT-08

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/07/16	09/07/16	1637432
<b>Odor Threshold</b>	EPA 140.1M	<b>1</b>	1	3	TON	09/07/16	09/07/16	1637432
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/07/16	09/07/16	1637432

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639021
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639040
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/12/16	09/12/16	1638024 HT-01

24632 S Moon Ave (S13-004 Zone 1)

16I0519-04 (Water)

Sample Date: 09/07/16 10:45 Sampler: DGM

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

Cl Res Free (Field)	Field	<b>0.06</b>	N/A	mg/L	09/07/16	09/07/16	1637325
Cl Res Total (Field)	Field	<b>1.7</b>	N/A	mg/L	09/07/16	09/07/16	1637325
pH (Field)	Field	<b>8.15</b>	N/A	pH Units	09/07/16	09/07/16	1637325
Temperature (Field)	Field	<b>27</b>	N/A	°C	09/07/16	09/07/16	1637325

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
E. Coli	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/07/16	09/09/16	1637458

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639021
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639040
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/12/16	09/12/16	1638024 HT-01

# Clinical Laboratory of San Bernardino, Inc.



Lomita, City of  
24373 Walnut Avenue  
Lomita CA, 91717

Project: Standard Analysis  
Sub Project: Distribution Weekly - 1st Week Sept 2016  
Project Manager: Mark Andersen

Work Order: 16I0519  
Received: 09/07/16 16:30  
Reported: 09/21/16

2500 Pacific Coast Highway (S13-005 Zone 2)      16I0519-05 (Water)      Sample Date: 09/07/16 8:25      Sampler: DGM

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

Cl Res Free (Field)	Field	<b>0.03</b>	N/A	mg/L	09/07/16	09/07/16	1637325
Cl Res Total (Field)	Field	<b>1.8</b>	N/A	mg/L	09/07/16	09/07/16	1637325
pH (Field)	Field	<b>8.13</b>	N/A	pH Units	09/07/16	09/07/16	1637325
Temperature (Field)	Field	<b>25.6</b>	N/A	°C	09/07/16	09/07/16	1637325

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
E. Coli	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/07/16	09/09/16	1637458 HT-08

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639021
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639040
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/12/16	09/12/16	1638024 HT-01

25417 Pennsylvania Ave (S13-008 Zone 1)      16I0519-06 (Water)      Sample Date: 09/07/16 8:45      Sampler: DGM

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

Cl Res Free (Field)	Field	<b>0.06</b>	N/A	mg/L	09/07/16	09/07/16	1637325
Cl Res Total (Field)	Field	<b>1.6</b>	N/A	mg/L	09/07/16	09/07/16	1637325
pH (Field)	Field	<b>7.82</b>	N/A	pH Units	09/07/16	09/07/16	1637325
Temperature (Field)	Field	<b>26.3</b>	N/A	°C	09/07/16	09/07/16	1637325

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
E. Coli	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/07/16	09/09/16	1637458 HT-08

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639021
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639040
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/12/16	09/12/16	1638024 HT-01

# Clinical Laboratory of San Bernardino, Inc.



**Lomita, City of**  
24373 Walnut Avenue  
Lomita CA, 91717

Project: Standard Analysis  
Sub Project: Distribution Weekly - 1st Week Sept 2016  
Project Manager: Mark Andersen

Work Order: 16I0519  
Received: 09/07/16 16:30  
Reported: 09/21/16

2052 Dawn St (A Zone: 1)		16I0519-07 (Water)		Sample Date:		09/07/16 7:45	Sampler:		DGM
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier

### Field Analyses

Cl Res Free (Field)	Field	<b>0.07</b>	N/A	mg/L	09/07/16	09/07/16	1637325
Cl Res Total (Field)	Field	<b>1.8</b>	N/A	mg/L	09/07/16	09/07/16	1637325
pH (Field)	Field	<b>7.73</b>	N/A	pH Units	09/07/16	09/07/16	1637325
Temperature (Field)	Field	<b>26.1</b>	N/A	°C	09/07/16	09/07/16	1637325

### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
E. Coli	SM 9223	A	N/A	P/A	09/07/16	09/08/16	1637285	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/07/16	09/09/16	1637458 HT-08

### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639021
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/19/16	09/19/16	1639040
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/12/16	09/12/16	1638024 HT-01

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

HT-01 Analysis performed outside of recommended hold time.

ND Analyte NOT DETECTED at or above the reporting limit

# Clinical Laboratory of San Bernardino, Inc.

7/2/16 Chain of Custody

1670519

Client Address		System Number		Analysis Requested							
City of Lomita 24373 Walnut Avenue Lomita, CA 91717	1910073										
Phone #	(310) 325-9830	Destination Laboratory									
Fax #	(310) 325-3627	[X] Clinical Laboratory									
Project	Standard Analysis	HIV/QC/Compliance									
Sub Project	Distribution Weekly - 1st Week September 2016	YES									
Comments	DM	EI LAP #									
		1088									
Sampled by	Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine	
	9/7/2016	0830	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	26.9	0.04	1.8	X X X X
	9/7/2016	1015	26314 Monte Vista ( S13-002 Zone:3 )	DW	1,7	1D	2	26.8	0.06	2.4	X X X X
	9/7/2016	0810	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	24.7	0.06	1.6	X X X X
	9/7/2016	0245	24632 S. Moon Ave. ( S13-004 Zone: 1 )	DW	1,7	1D	4	27	0.06	1.7	X X X X
	9/7/2016	0825	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	25.6	0.03	1.8	X X X X
			Reservoir SP5	DW	1,7	1D					
	9/7/2016	0845	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	7	26.3	0.06	1.6	X X X X
	9/7/2016	0745	2052 Dawn St (A Zone: 1)	DW	1,7	1D	8	26.1	0.07	1.8	X X X X
Preservatives: (1) Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (2) HCl (3) HNO <sub>3</sub> (4) NH <sub>4</sub> Cl (5) H <sub>2</sub> SO <sub>4</sub> (6) Na <sub>2</sub> SO <sub>3</sub> (7) Collo (8) Other:				Matrix: DW=Drinking Water, WW=Waste Water, SW=Storm Water, GW= Ground Water, W=Well D= Dist.							
Retinguished By (Sign)				Date / Time							
DANEY MAEIK [Signature]				9/7/2016 1:00							
Comments: "Nitrite Low Level EPA 353.2"				Comments: "Nitrite Low Level EPA 353.2"							
Shipped Via			1   Fed X		1   Golden State		1   UPS		1   Client	1   Other	_____
Samples received: <input checked="" type="checkbox"/> On ice <input checked="" type="checkbox"/> Intact <input type="checkbox"/> Custody seals Temp <input checked="" type="checkbox"/> F <input checked="" type="checkbox"/> C								Page 1 of 1			

# Clinical Laboratory of San Bernardino, Inc.



28 September 2016

Clinical Lab No.: 16I1276

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 09/14/16. 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,

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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I1276  
Received: 09/14/16 15:45  
Reported: 09/28/16

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

16I1276-01 (Water)

Sample Date: 09/14/16 0:00

Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.02</b>	N/A	mg/L	09/14/16	09/14/16	1638430
Cl Res Total (Field)	Field	<b>2</b>	N/A	mg/L	09/14/16	09/14/16	1638430
pH (Field)	Field	<b>8.21</b>	N/A	pH Units	09/14/16	09/14/16	1638431
Temperature (Field)	Field	<b>24.6</b>	N/A	°C	09/14/16	09/14/16	1638430

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
E. Coli	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/14/16	09/16/16	1638474 HT-08

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/22/16	09/26/16	1639267
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/27/16	09/27/16	1640101
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/15/16	09/15/16	1638259

26314 Monte Vista Ave. (S13-002 Zone: 3)

16I1276-02 (Water)

Sample Date: 09/14/16 0:00

Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.03</b>	N/A	mg/L	09/14/16	09/14/16	1638430
Cl Res Total (Field)	Field	<b>2.1</b>	N/A	mg/L	09/14/16	09/14/16	1638430
pH (Field)	Field	<b>8.21</b>	N/A	pH Units	09/14/16	09/14/16	1638431
Temperature (Field)	Field	<b>24.6</b>	N/A	°C	09/14/16	09/14/16	1638430

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
E. Coli	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/14/16	09/16/16	1638474 HT-08

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/14/16	09/14/16	1638387
<b>Odor Threshold</b>	EPA 140.1M	<b>1</b>	1	3	TON	09/14/16	09/14/16	1638387
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/14/16	09/14/16	1638387

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/22/16	09/26/16	1639267
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/27/16	09/27/16	1640101
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/15/16	09/15/16	1638259

# Clinical Laboratory of San Bernardino, Inc.



Lomita, City of  
24373 Walnut Avenue  
Lomita CA, 91717

Project: Standard Analysis  
Sub Project: Distribution Weekly - 2nd Week September 2016  
Project Manager: Mark Andersen

Work Order: 16I1276  
Received: 09/14/16 15:45  
Reported: 09/28/16

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

16I1276-03 (Water)

Sample Date: 09/14/16 0:00

Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.07</b>	N/A	mg/L	09/14/16	09/14/16	1638430
Cl Res Total (Field)	Field	<b>1.8</b>	N/A	mg/L	09/14/16	09/14/16	1638430
pH (Field)	Field	<b>8.27</b>	N/A	pH Units	09/14/16	09/14/16	1638431
Temperature (Field)	Field	<b>25.7</b>	N/A	°C	09/14/16	09/14/16	1638430

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
E. Coli	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/14/16	09/16/16	1638474 HT-08

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/22/16	09/26/16	1639267
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/27/16	09/27/16	1640101
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/15/16	09/15/16	1638259

24632 S. Moon Ave. (S13-004 Zone: 1)

16I1276-04 (Water)

Sample Date: 09/14/16 0:00

Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.03</b>	N/A	mg/L	09/14/16	09/14/16	1638430
Cl Res Total (Field)	Field	<b>2.11</b>	N/A	mg/L	09/14/16	09/14/16	1638430
pH (Field)	Field	<b>7.59</b>	N/A	pH Units	09/14/16	09/14/16	1638431
Temperature (Field)	Field	<b>23.6</b>	N/A	°C	09/14/16	09/14/16	1638430

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
E. Coli	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/14/16	09/16/16	1638474 HT-08

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/14/16	09/14/16	1638387
<b>Odor Threshold</b>	EPA 140.1M	<b>1</b>	1	3	TON	09/14/16	09/14/16	1638387
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/14/16	09/14/16	1638387

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/22/16	09/26/16	1639267
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/27/16	09/27/16	1640101
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/15/16	09/15/16	1638259

# Clinical Laboratory of San Bernardino, Inc.



Lomita, City of  
24373 Walnut Avenue  
Lomita CA, 91717

Project: Standard Analysis  
Sub Project: Distribution Weekly - 2nd Week September 2016  
Project Manager: Mark Andersen

Work Order: 16I1276  
Received: 09/14/16 15:45  
Reported: 09/28/16

**2500 PCH (S13-005 Zone: 2)**

**16I1276-05 (Water)**

**Sample Date:** 09/14/16 0:00

**Sampler:** DM

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

Cl Res Free (Field)	Field	<b>0.03</b>	N/A	mg/L	09/14/16	09/14/16	1638430
Cl Res Total (Field)	Field	<b>1.7</b>	N/A	mg/L	09/14/16	09/14/16	1638430
pH (Field)	Field	<b>8.12</b>	N/A	pH Units	09/14/16	09/14/16	1638431
Temperature (Field)	Field	<b>24.2</b>	N/A	°C	09/14/16	09/14/16	1638430

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
E. Coli	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/14/16	09/16/16	1638474 HT-08

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/14/16	09/14/16	1638387
<b>Odor Threshold</b>	EPA 140.1M	<b>1</b>	1	3	TON	09/14/16	09/14/16	1638387
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/14/16	09/14/16	1638387

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/22/16	09/26/16	1639267
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/27/16	09/27/16	1640101
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/15/16	09/15/16	1638259

**25417 Pennsylvania Ave (S13-008 Zone: 1)**

**16I1276-06 (Water)**

**Sample Date:** 09/14/16 0:00

**Sampler:** DM

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

Cl Res Free (Field)	Field	<b>0.06</b>	N/A	mg/L	09/14/16	09/14/16	1638430
Cl Res Total (Field)	Field	<b>1.5</b>	N/A	mg/L	09/14/16	09/14/16	1638430
pH (Field)	Field	<b>7.91</b>	N/A	pH Units	09/14/16	09/14/16	1638431
Temperature (Field)	Field	<b>24.4</b>	N/A	°C	09/14/16	09/14/16	1638430

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
E. Coli	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/14/16	09/16/16	1638474 HT-08

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/22/16	09/26/16	1639267
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/27/16	09/27/16	1640101
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/15/16	09/15/16	1638259

# Clinical Laboratory of San Bernardino, Inc.



Lomita, City of  
24373 Walnut Avenue  
Lomita CA, 91717

Project: Standard Analysis  
Sub Project: Distribution Weekly - 2nd Week September 2016  
Project Manager: Mark Andersen

Work Order: 16I1276  
Received: 09/14/16 15:45  
Reported: 09/28/16

**2052 Dawn St (A Zone: 1)**      **16I1276-07 (Water)**      **Sample Date:** 09/14/16 0:00      **Sampler:** DM

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

Cl Res Free (Field)	Field	<b>0.03</b>	N/A	mg/L	09/14/16	09/14/16	1638430
Cl Res Total (Field)	Field	<b>1.9</b>	N/A	mg/L	09/14/16	09/14/16	1638430
pH (Field)	Field	<b>7.49</b>	N/A	pH Units	09/14/16	09/14/16	1638431
Temperature (Field)	Field	<b>24.8</b>	N/A	°C	09/14/16	09/14/16	1638430

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
E. Coli	SM 9223	A	N/A	P/A	09/14/16	09/15/16	1638373	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/14/16	09/16/16	1638474 HT-08

#### General Chemical Analyses

Ammonia (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/22/16	09/26/16	1639267
Ammonia, Free (NH3)	EPA 350.1	ND	0.60	N/A	mg/L	09/27/16	09/27/16	1640101
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/15/16	09/15/16	1638259

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

*1613* **Clinical Laboratory of San Bernardino, Inc.**

**Chain of Custody**

Client Address		System Number		Analysis Requested														
City of Lomita	24373 Walnut Avenue Lomita, CA 91717	<b>1910073</b>																
Phone #	(310) 325-9830	<i>Destination Laboratory</i>																
Fax #	(310) 325-3627	[X] Clinical Laboratory																
Project	Standard Analysis	R/QCB Compliance																
Sub Project	Distribution Weekly - 2nd Week September <i>2016</i>	YES																
Comments	<b>ELAP #</b>																	
Sampled by	DM	<b>1088</b>																
Date	Time	Sample Identification		Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine								
9/14/2016		1912 W. 259th St. (S13-001 Zone: 2)		DW	1,7	1D	1	24.6	0.02	2	X	X	X	X	8.21			
9/14/2016		26314 Monte Vista ( S13-002 Zone:3)		DW	1,7	1D	2	24.6	0.03	2.1	X	X	X	X	8.21			
9/14/2016		1948 W. 252nd St. (S13-003 Zone: 1)		DW	1,7	1D	3	25.7	0.07	1.8	X	X	X	X	8.27			
9/14/2016		24632 S. Moon Ave. ( S13-004 Zone: 1)		DW	1,7	1D	4	23.6	0.03	2.11	X	X	X	X	7.59			
9/14/2016		2500 PCH (S-13-005 Zone: 2)		DW	1,7	1D	5	24.2	0.03	1.7	X	X	X	X	8.12			
		Reservoir SP5		DW	1,7	1D									OFF SCADA UPGRADE			
9/14/2016		25417 Pennsylvania Ave (S13-008 Zone: 1)		DW	1,7	1D	7	24.4	0.06	1.5	X	X	X	X	7.91			
9/14/2016		2052 Dawn St (A Zone: 1)		DW	1,7	1D	8	24.8	0.03	1.9	X	X	X	X	7.49			
<b>Preservatives:</b> (1) Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (2) HCl (3) HNO <sub>3</sub> (4) NH4Cl (5) H <sub>2</sub> SO <sub>4</sub> (6) Na <sub>2</sub> SO <sub>3</sub> (7) Cold (8) Other:															Matrix: DW=Drinking Water, WW=Waste Water, SW=Storm Water, GW=Ground Water, W=Well D-Dist. Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special			
<i>Relinquished By</i> (Sign)		<i>Print Name / Company</i>		Date / Time		<i>Received By</i> (Sign)												
<i>DANIEL MATEIK</i>		City of Lomita		9/14/2016 1:45 9/4/16/ 3:45		<i>J.W. J.W. J.W. J.W.</i>												
Comments: "Nitrite Low Level EPA 353.2"															Samples received: <input checked="" type="checkbox"/> On ice ( ) Intact ( ) Custody seals Temp <b>11-</b> ( ) F ( ) C			
Shipped Via		1 Fed X		1 Golden State		1 UPS		1 Client		1 Other		Page <u>1</u> of <u>1</u>						

# Clinical Laboratory of San Bernardino, Inc.



26 September 2016

Clinical Lab No.: 16I1834

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 09/21/16. 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,

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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I1834  
Received: 09/21/16 16:00  
Reported: 09/26/16

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

16I1834-01 (Water)

Sample Date: 09/21/16 8:45 Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.03</b>		N/A	mg/L	09/21/16	09/21/16	1639360
Cl Res Total (Field)	Field	<b>2</b>		N/A	mg/L	09/21/16	09/21/16	1639360
pH (Field)	Field	<b>8.19</b>		N/A	pH Units	09/21/16	09/21/16	1639360
Temperature (Field)	Field	<b>25.8</b>		N/A	°C	09/21/16	09/21/16	1639360

#### Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	09/21/16	09/22/16	1639313
E. Coli	SM 9223	A		N/A	P/A	09/21/16	09/22/16	1639313
Plate Count	SM9215B	ND	1	500	CFU/ml	09/21/16	09/23/16	1639439

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/21/16	09/21/16	1639330
Odor Threshold	EPA 140.1M	<b>1</b>	1	3	TON	09/21/16	09/21/16	1639330
Turbidity	EPA 180.1	<b>0.4</b>	0.1	5	NTU	09/21/16	09/21/16	1639330

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/22/16	09/22/16	1639262
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26314 Monte Vista Ave. (S13-002 Zone: 3)      16I1834-02 (Water)      Sample Date: 09/21/16 8:30      Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.03</b>		N/A	mg/L	09/21/16	09/21/16	1639360
Cl Res Total (Field)	Field	<b>1.9</b>		N/A	mg/L	09/21/16	09/21/16	1639360
pH (Field)	Field	<b>8.09</b>		N/A	pH Units	09/21/16	09/21/16	1639360
Temperature (Field)	Field	<b>25.1</b>		N/A	°C	09/21/16	09/21/16	1639360

#### Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	09/21/16	09/22/16	1639313
E. Coli	SM 9223	A		N/A	P/A	09/21/16	09/22/16	1639313
Plate Count	SM9215B	ND	1	500	CFU/ml	09/21/16	09/23/16	1639439

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/21/16	09/21/16	1639330
Odor Threshold	EPA 140.1M	<b>1</b>	1	3	TON	09/21/16	09/21/16	1639330
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/21/16	09/21/16	1639330

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/22/16	09/22/16	1639262
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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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I1834  
Received: 09/21/16 16:00  
Reported: 09/26/16

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

16I1834-03 (Water)

Sample Date: 09/21/16 7:30

Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.04</b>	N/A	mg/L	09/21/16	09/21/16	1639360
Cl Res Total (Field)	Field	<b>1.6</b>	N/A	mg/L	09/21/16	09/21/16	1639360
pH (Field)	Field	<b>7.59</b>	N/A	pH Units	09/21/16	09/21/16	1639360
Temperature (Field)	Field	<b>25.2</b>	N/A	°C	09/21/16	09/21/16	1639360

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
E. Coli	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/21/16	09/23/16	1639439 HT-08

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/22/16	09/22/16	1639262
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24632 S. Moon Ave (S13-004 Zone 1)

16I1834-04 (Water)

Sample Date: 09/21/16 7:10 Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.03</b>	N/A	mg/L	09/21/16	09/21/16	1639360
Cl Res Total (Field)	Field	<b>1.6</b>	N/A	mg/L	09/21/16	09/21/16	1639360
pH (Field)	Field	<b>7.49</b>	N/A	pH Units	09/21/16	09/21/16	1639360
Temperature (Field)	Field	<b>24.3</b>	N/A	°C	09/21/16	09/21/16	1639360

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
E. Coli	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/21/16	09/23/16	1639439 HT-08

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/22/16	09/22/16	1639262
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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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I1834  
Received: 09/21/16 16:00  
Reported: 09/26/16

**2500 PCH (S13-005 Zone 2)**

**16I1834-05 (Water)**

**Sample Date:** 09/21/16 9:30

**Sampler:** DM

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

Cl Res Free (Field)	Field	<b>0.02</b>	N/A	mg/L	09/21/16	09/21/16	1639360
Cl Res Total (Field)	Field	<b>2.1</b>	N/A	mg/L	09/21/16	09/21/16	1639360
pH (Field)	Field	<b>8</b>	N/A	pH Units	09/21/16	09/21/16	1639360
Temperature (Field)	Field	<b>26.4</b>	N/A	°C	09/21/16	09/21/16	1639360

**Microbiology Analyses**

Total Coliform	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
E. Coli	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/21/16	09/23/16	1639439

**General Chemical Analyses**

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/22/16	09/22/16	1639262
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**25417 Pennsylvania Ave (S13-008 Zone 1)**      **16I1834-06 (Water)**      **Sample Date:** 09/21/16 10:00      **Sampler:** DM

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

Cl Res Free (Field)	Field	<b>0.03</b>	N/A	mg/L	09/21/16	09/21/16	1639360
Cl Res Total (Field)	Field	<b>1.98</b>	N/A	mg/L	09/21/16	09/21/16	1639360
pH (Field)	Field	<b>7.61</b>	N/A	pH Units	09/21/16	09/21/16	1639360
Temperature (Field)	Field	<b>26.5</b>	N/A	°C	09/21/16	09/21/16	1639360

**Microbiology Analyses**

Total Coliform	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
E. Coli	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/21/16	09/23/16	1639439

**General Chemical Analyses**

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/22/16	09/22/16	1639262
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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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I1834  
Received: 09/21/16 16:00  
Reported: 09/26/16

2052 Dawn St (A Zone 1)

16I1834-07 (Water)

Sample Date: 09/21/16 7:00

Sampler: DM

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

Cl Res Free (Field)	Field	<b>0.08</b>	N/A	mg/L	09/21/16	09/21/16	1639360
Cl Res Total (Field)	Field	<b>1.9</b>	N/A	mg/L	09/21/16	09/21/16	1639360
pH (Field)	Field	<b>7.65</b>	N/A	pH Units	09/21/16	09/21/16	1639360
Temperature (Field)	Field	<b>24.6</b>	N/A	°C	09/21/16	09/21/16	1639360

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
E. Coli	SM 9223	A	N/A	P/A	09/21/16	09/22/16	1639313	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/21/16	09/23/16	1639439 HT-08

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/22/16	09/22/16	1639262
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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

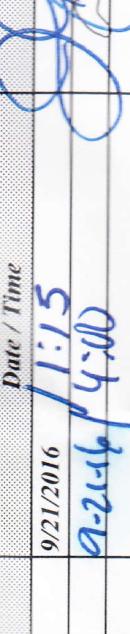
## Climatik Environmental Services Inc.

Chambers of Justice

161 1834 / 10

Client		System Number		Analysis Requested									
Address	City of Lomita 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 - 3rd Week September 2016		YES										
Comments			ELAP #										
Sampled by	DM		1088										
Date	Time	Sample Identification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total Chlorine				
9/21/2016	0845	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	25.8	0.03	2	X	X	X	8.19
9/21/2016	0838	26314 Monte Vista ( S13-002 Zone:3 )	DW	1,7	1D	2	25.1	0.03	1.9	X	X	X	8.09
9/21/2016	0730	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	3	25.2	0.04	1.6	X	X	X	7.59
9/21/2016	0718	24632 S. Moon Ave. ( S13-004 Zone: 1 )	DW	1,7	1D	4	24.3	0.03	1.6	X	X	X	7.49
9/21/2016	0930	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	26.4	0.02	2.1	X	X	X	8
		Reservoir SP5	DW	1,7	1D								
9/21/2016	1000	25417 Pennsylvania Ave (S13-008 Zone: 1)	DW	1,7	1D	7	26.5	0.03	1.98	X	X	X	7.61
9/21/2016	0700	2052 Dawn St (A Zone: 1)	DW	1,7	1D	8	24.6	0.08	1.9	X	X	X	7.65
Preservatives: (1) Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (2) HCl (3) HNO <sub>3</sub> (4) NH <sub>4</sub> Cl (5) H <sub>2</sub> SO <sub>4</sub> (6) Na <sub>2</sub> SO <sub>3</sub> (7) Cold (8) Other:				Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW-Ground Water, W-Well D-Dist. Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special									
Relinquished By (Sign)				Print Name / Company									
				Daniel Mateiro									
				City of Lomita									
				J. Michael CesB									
Comments: "Nitrite Low Level EPA 353.2"				Samples received: <input checked="" type="checkbox"/> On ice <input checked="" type="checkbox"/> Intact <input checked="" type="checkbox"/> Custody seals Temp <u>12.1</u> ( ) F <u>C</u>									
Shipped Via				Page 1 of 1									
				Page 1 of 1									

*Received By (Sign)*

  
J. Michael CesB  
AM 6/23

*Date / Time*

9/21/2016 11:15  
9-21-16 / 11:15

*Comments:* "Nitrite Low Level EPA 353.2"

<input checked="" type="checkbox"/> Fed X	<input type="checkbox"/> Golden State	<input type="checkbox"/> UPS	<input type="checkbox"/> Client	<input type="checkbox"/> Other
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# Clinical Laboratory of San Bernardino, Inc.



06 October 2016

Clinical Lab No.: 16I2299

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 09/28/16. 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,

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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I2299  
Received: 09/28/16 16:00  
Reported: 10/06/16

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

16I2299-01 (Water)

Sample Date: 09/28/16 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	<b>0.1</b>	N/A	mg/L	09/28/16	09/28/16	1640282
Cl Res Total (Field)	Field	<b>1.99</b>	N/A	mg/L	09/28/16	09/28/16	1640282
pH (Field)	Field	<b>8.04</b>	N/A	pH Units	09/28/16	09/28/16	1640282
Temperature (Field)	Field	<b>27.1</b>	N/A	°C	09/28/16	09/28/16	1640282

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
E. Coli	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/28/16	09/30/16	1640375 HT-08

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	<b>0.46</b>	0.40	10	mg/L	09/29/16	09/29/16	1640259
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26314 Monte Vista Ave. (S13-002 Zone: 3)      16I2299-02 (Water)      Sample Date: 09/28/16 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	N/A	mg/L	09/28/16	09/28/16	1640282
Cl Res Total (Field)	Field	<b>2.13</b>	N/A	mg/L	09/28/16	09/28/16	1640282
pH (Field)	Field	<b>7.92</b>	N/A	pH Units	09/28/16	09/28/16	1640282
Temperature (Field)	Field	<b>24.2</b>	N/A	°C	09/28/16	09/28/16	1640282

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
E. Coli	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/28/16	09/30/16	1640375 HT-08

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	<b>0.46</b>	0.40	10	mg/L	09/29/16	09/29/16	1640259
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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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I2299  
Received: 09/28/16 16:00  
Reported: 10/06/16

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

16I2299-03 (Water)

Sample Date: 09/28/16 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	<b>0.02</b>		N/A	mg/L	09/28/16	09/28/16	1640282
Cl Res Total (Field)	Field	<b>2.15</b>		N/A	mg/L	09/28/16	09/28/16	1640282
pH (Field)	Field	<b>8.41</b>		N/A	pH Units	09/28/16	09/28/16	1640282
Temperature (Field)	Field	<b>24.2</b>		N/A	°C	09/28/16	09/28/16	1640282

#### Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	09/28/16	09/29/16	1640338
E. Coli	SM 9223	A		N/A	P/A	09/28/16	09/29/16	1640338
Plate Count	SM9215B	ND	1	500	CFU/ml	09/28/16	09/30/16	1640375 HT-08

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/28/16	09/28/16	1640342
<b>Odor Threshold</b>	EPA 140.1M	<b>1</b>	1	3	TON	09/28/16	09/28/16	1640342
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/28/16	09/28/16	1640342

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	<b>0.48</b>	0.40	10	mg/L	09/29/16	09/29/16	1640259
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24632 S. Moon Ave (S13-004 Zone 1)

16I2299-04 (Water)

Sample Date: 09/28/16 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		N/A	mg/L	09/28/16	09/28/16	1640282
Cl Res Total (Field)	Field	<b>2.06</b>		N/A	mg/L	09/28/16	09/28/16	1640282
pH (Field)	Field	<b>8.32</b>		N/A	pH Units	09/28/16	09/28/16	1640282
Temperature (Field)	Field	<b>23.8</b>		N/A	°C	09/28/16	09/28/16	1640282

#### Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	09/28/16	09/29/16	1640338
E. Coli	SM 9223	A		N/A	P/A	09/28/16	09/29/16	1640338
Plate Count	SM9215B	ND	1	500	CFU/ml	09/28/16	09/30/16	1640375 HT-08

#### General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	09/28/16	09/28/16	1640342
<b>Odor Threshold</b>	EPA 140.1M	<b>1</b>	1	3	TON	09/28/16	09/28/16	1640342
Turbidity	EPA 180.1	ND	0.1	5	NTU	09/28/16	09/28/16	1640342

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/29/16	09/29/16	1640259
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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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I2299  
Received: 09/28/16 16:00  
Reported: 10/06/16

**2500 PCH (S13-005 Zone 2)**

**16I2299-05 (Water)**

**Sample Date:** 09/28/16 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	<b>0.05</b>	N/A	mg/L	09/28/16	09/28/16	1640282
Cl Res Total (Field)	Field	<b>1.69</b>	N/A	mg/L	09/28/16	09/28/16	1640282
pH (Field)	Field	<b>7.37</b>	N/A	pH Units	09/28/16	09/28/16	1640282
Temperature (Field)	Field	<b>24.2</b>	N/A	°C	09/28/16	09/28/16	1640282

**Microbiology Analyses**

Total Coliform	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
E. Coli	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/28/16	09/30/16	1640375 HT-08

**General Chemical Analyses**

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/29/16	09/29/16	1640259
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**25417 Pennsylvania Ave (S13-008 Zone 1)**      **16I2299-06 (Water)**      **Sample Date:** 09/28/16 7:40      **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	09/28/16	09/28/16	1640282
Cl Res Total (Field)	Field	<b>1.71</b>	N/A	mg/L	09/28/16	09/28/16	1640282
pH (Field)	Field	<b>8.27</b>	N/A	pH Units	09/28/16	09/28/16	1640282
Temperature (Field)	Field	<b>24.3</b>	N/A	°C	09/28/16	09/28/16	1640282

**Microbiology Analyses**

Total Coliform	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
E. Coli	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/28/16	09/30/16	1640375 HT-08

**General Chemical Analyses**

Nitrate as N (NO3-N)	EPA 300.0	<b>0.41</b>	0.40	10	mg/L	09/29/16	09/29/16	1640259
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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 September 2016  
Project Manager: Mark Andersen

Work Order: 16I2299  
Received: 09/28/16 16:00  
Reported: 10/06/16

2052 Dawn St (A Zone 1)

16I2299-07 (Water)

Sample Date: 09/28/16 6:55

Sampler: CB

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

Cl Res Free (Field)	Field	<b>0.06</b>	N/A	mg/L	09/28/16	09/28/16	1640282
Cl Res Total (Field)	Field	<b>2.1</b>	N/A	mg/L	09/28/16	09/28/16	1640282
pH (Field)	Field	<b>8.45</b>	N/A	pH Units	09/28/16	09/28/16	1640282
Temperature (Field)	Field	<b>22.3</b>	N/A	°C	09/28/16	09/28/16	1640282

#### Microbiology Analyses

Total Coliform	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
E. Coli	SM 9223	A	N/A	P/A	09/28/16	09/29/16	1640338	
Plate Count	SM9215B	ND	1	500	CFU/ml	09/28/16	09/30/16	1640375 HT-08

#### General Chemical Analyses

Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	09/29/16	09/29/16	1640259
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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.



06 October 2016

Clinical Lab No.: 16I2324

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

Project Name: Standard Analysis  
Sub Project: CWPF 4th Week SEPT Sampling

Enclosed are the results of the analyses for samples received at the laboratory on 09/28/16. 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,

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: CWP4 4th Week SEPT Sampling  
Project Manager: Mark Andersen

Work Order: 16I2324  
Received: 09/28/16 16:00  
Reported: 10/06/16

**RAW WATER SP 1**

16I2324-01 (Water)

Sample Date: 09/28/16 10:10

Sampler: DGM

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

pH (Field)	Field	<b>8.24</b>		N/A	pH Units	09/28/16	09/28/16	1640312
Temperature (Field)	Field	<b>24.2</b>		N/A	°C	09/28/16	09/28/16	1640312

#### Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	09/28/16	09/29/16	1640338
E. Coli	SM 9223	A		N/A	P/A	09/28/16	09/29/16	1640338
Plate Count	SM9215B	<b>36</b>	1	500	CFU/ml	09/28/16	09/30/16	1640375

#### General Physical Analyses

Apparent Color	SM 2120B	<b>10.0</b>	3.0	15	Color Units	09/28/16	09/28/16	1640342
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#### General Chemical Analyses

Hardness, Total (as CaCO <sub>3</sub> )	Calculated	<b>300</b>	6.6	N/A	mg/L	10/04/16	10/04/16	[CALC]
Total Filterable Residue/TDS	SM 2540C	<b>720</b>	5.0	1000	mg/L	09/30/16	10/03/16	1640376

#### Metals

Calcium (Ca)	EPA 200.7	<b>78</b>	1.0	N/A	mg/L	10/04/16	10/04/16	1641052
Iron (Fe)	EPA 200.7	<b>350</b>	100	300	ug/L	10/04/16	10/04/16	1641059
Magnesium (Mg)	EPA 200.7	<b>26</b>	1.0	N/A	mg/L	10/04/16	10/04/16	1641052
Manganese (Mn)	EPA 200.7	<b>150</b>	20	50	ug/L	10/04/16	10/04/16	1641059

Reservoir Effluent Site #6

16I2324-02 (Water)

Sample Date: 09/28/16 10:30 Sampler: DGM

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

Cl Res Total (Field)	Field	<b>2.1</b>		N/A	mg/L	09/28/16	09/28/16	1640312
pH (Field)	Field	<b>7.56</b>		N/A	pH Units	09/28/16	09/28/16	1640371
Temperature (Field)	Field	<b>24.5</b>		N/A	°C	09/28/16	09/28/16	1640371

#### General Chemical Analyses

Hardness, Total (as CaCO <sub>3</sub> )	Calculated	<b>190</b>	6.6	N/A	mg/L	10/04/16	10/04/16	[CALC]
Total Filterable Residue/TDS	SM 2540C	<b>510</b>	5.0	1000	mg/L	09/30/16	10/03/16	1640376

#### Metals

Calcium (Ca)	EPA 200.7	<b>46</b>	1.0	N/A	mg/L	10/04/16	10/04/16	1641052
Magnesium (Mg)	EPA 200.7	<b>19</b>	1.0	N/A	mg/L	10/04/16	10/04/16	1641052

ND Analyte NOT DETECTED at or above the reporting limit



WECK LABORATORIES, INC.

## Certificate of Analysis

FINAL REPORT

Work Orders: 6I30019

Report Date: 10/06/2016

Received Date: 9/30/2016

Project: 16I2324

Turnaround Time: 5 workdays

Phones: (909) 825-7693

Fax: (909) 825-7696

Attn: John Styles

P.O. #:

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

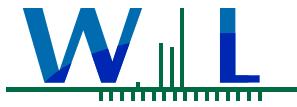
Dear John Styles,

Enclosed are the results of analyses for samples received 9/30/16 with the Chain-of-Custody document. The samples were received in good condition, at 1.7 °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

Sample: Reservoir Influent Site #1/ 16I2324-01 Sampled: 09/28/16 10:10 by Client  
6I30019-01 (Water)

Analyte	Result	MRL	Units	Dil	Analyzed	Qualifier
Method: RSK-175	Batch ID: W6J0151	Instr: GC09		Prepared: 10/04/16 10:47		Analyst: rhr
Methane	4.0	0.20	mg/l	20	10/04/16 15:32	



WECK LABORATORIES, INC.

## Certificate of Analysis

FINAL REPORT

## Quality Control Results

Dissolved Gases in Water by RSK-175

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
<b>Batch: W6J0151 - Headspace</b>										
<b>Blank (W6J0151-BLK1)</b>										
Methane	ND	0.010	mg/l		<b>Prepared &amp; Analyzed: 10/04/16</b>					
<b>LCS (W6J0151-BS1)</b>										
Methane	0.210	0.010	mg/l		0.198	106	85-115			
<b>Duplicate (W6J0151-DUP1)</b>										
Methane	0.299	0.010	mg/l		0.266			12	20	
<b>Source: 6I27029-01</b>										



WECK LABORATORIES, INC.

# Certificate of Analysis

FINAL REPORT

## Notes and Definitions

Item	Definition
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
<b>RSK-175 in Water</b> Methane	74-82-8	NELAP
<b>Reviewed by:</b>		
 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 • SCAQMD #93LA1006

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**

16I2324

16I230019

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**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 [✓] 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:

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**Analysis**

**Comments**

**Sample ID: Reservoir Influent Site #1 / 16I2324-01**

**Sampled: 09/28/16 10:10 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

09/30/16 7:30

Date / Time

Received By

9/30/16 9:00

Date / Time

Released By

9/30/16 10:10

Date / Time

Received By

Date / Time

1.7%

1612324

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		<input checked="" type="checkbox"/> Clinical Laboratory												
Project	Standard Analysis		RWQCB Compliance												
Sub Project	CWPF 4th Week SEPT Sampling		No ELAP #												
Comments			1088												
Sampled by	DGM		Matrix	Type	Preserv	Total Chlorine	Iron	Manganese	Total Dissolved Solids	BACT/TC/HPC	Total Hardness (as CaCO <sub>3</sub> )	Odor	Comments / P.S. Codes		
Date	Time	Sample Identification													
9/28/2016	10:10	Reservoir Influent Site #1	DW	1W	HCL	N/A	X	X	X	X	X	X	PH 8.24 T=24.8		
9/28/2016	10:30	Reservoir Effluent Site #6	DW	1W	N/A	2.1			X		X		PH 7.56 T=24.5		
Preservatives: (1) Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (2) HCl (3) HNO <sub>3</sub> (4) NH4Cl (5) H <sub>2</sub> SO <sub>4</sub> (6) Na <sub>2</sub> SO <sub>3</sub> (7) Cold (8) Other:			Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW-Ground Water, A-Air Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D-Dist.												
Relinquished By (Sign)	Print Name / Company			Date / Time			Received By (Sign)			Print Name / Company					
Daniel Matei	City of Lomita			9/28/2016 10:20			J. Vucenol			J. Vucenol/CSB					
Comments:			Samples received: <input checked="" type="checkbox"/> On ice <input type="checkbox"/> Intact <input type="checkbox"/> Custody seals Temp 10.5 <input type="checkbox"/> F <input checked="" type="checkbox"/> C												
Shipped Via			<input type="checkbox"/> Fed X	<input type="checkbox"/> Golden State	<input type="checkbox"/> UPS	<input type="checkbox"/> Client	<input type="checkbox"/> Other	Page 1 of 1							