

CITY OF LOMITA



Monthly Report For: August 2015

3rd - Quarterly Report

	TO:	ATTENTION:	DISTRICT:
x	Mr. Paul Williams, P.E. District Engineer	Mr. Ric Roda	07 Hollywood

	SWRCB DIVISION OF DRINKING WATER DISTRICT:	PWS:	WATER SYSTEM NAME:
x	07 Hollywood	1910073	Lomita - City, Water Department

	TYPE OF REPORTS ATTACHED: (# OF PAGES)		TYPE OF REPORTS ATTACHED (# OF PAGES)
X	1 Distribution Coliform Monitoring (1)	x	8 Monthly Chlorine Residuals (1)
x	2 Raw Water Monitoring (2)		9 Water Main Leaks & Outages ()
x	3 Surface Water Treatment Regulations (1)		10 Arsenic Compliance ()
x	4 General Physical Results (1)		11 Nitrification Monitoring ()
	5 Nitrate Compliance ()		12 Quarterly Monitoring OF 1, 2, 3 - Trichloropropane ()
x	6 Quarterly Monitoring of Total Trihalomethanes (1)		13 Quarterly Disinfectant Residuals (Chloramines) ()
x	7 Quarterly Monitoring of Haloacetic Acids (1)		

FOR QUESTIONS PLEASE CONTACT:

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

Office: (310) 325-7110

Email: m.mcavoy@lomitacity.com

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

CITY OF LOMITA	1910073			
Sampling Period AUGUST	Year 2015			
	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 <i>Negative</i> (see notes 5 and 6)		<u>0</u>	<u>0</u>	<u>0</u>
3. Repeat Samples Following Routine Samples Which are Total Coliform <i>Positive</i> and Fecal/E.coli Positive (see notes 5 and 6)		<u>0</u>	<u>0</u>	<u>0</u>
4. MCL Computation For Total Coliform Positive Samples				
a. Totals (sum of columns)	<u>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>	0

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

7. Summary Completed By:

Signature 	Title Public Works Director/City Engineer	Date 9/10/2015
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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: CITY OF LOMITA


System No. 1910073

Month: AUGUST

Year: 2015

I. DISINFECTED WELLS (Raw Water Bacteriological Sampling Prior to Disinfection)

Well Name or Number	Station Code	Status	Frequency of Sampling	Sampling Date	Total Coliform Result	Fecal Coliform Result
13-5	1910073-003	Online	Monthly	8/12/2015	Absent	Absent

Signature	Title	Date
 _____ Mark A. McAvoy, P.E.	Public Works Director/City Engineer	9/10/2015 _____

**CITY OF LOMITA
PUBLIC WORKS DEPARTMENT**

RAW WATER COLIFORM MONITORING

NAME OF WATER SYSTEM: LOMITA, CITY OF

SYSTEM NO: 1910073 MONTH: **AUGUST** YEAR: **2015**

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

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

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

SIGNATURE:  Date: 9/10/2015
Mark A. McAvoy, P.E., Public Works Director/City Engineer

MONTHLY SUMMARY OF MONITORING FOR SURFACE WATER TREATMENT REGULATIONS

System Name: CITY OF LOMITA System No.: 1910073

Wholesaler Name: WEST BASIN MUNICIPAL WATER DISTRICT

Month: AUGUST Year: 2015

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)?	<u> Y </u>

SUMMARY OF WATER QUALITY COMPLAINTS


General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	5	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:  Date: 9/10/2015
 Mark A. McAvoy, P.E. Public Works Director City Engineer

**CITY OF LOMITA
MONTHLY GENERAL PHYSICAL SUMMARY**

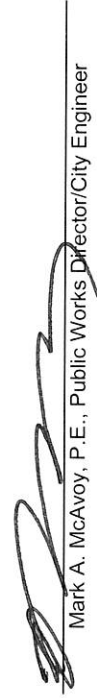
Jul-15

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	7/1/2015	6:22 AM	0	1	ND	8.0	2
13-2 26314 S. Monte Via.	7/1/2015	6:40 AM	0	1	0.2	7.8	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.	7/8/2015	7:15 AM	0	1	0.1	8.0	2
13-2 26314 S. Monte Via.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	7/8/2015	8:15 AM	0	1	0.2	7.8	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 Via.	7/15/2015	10:21 AM	0	1	ND	7.7	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	7/15/2015	8:37 AM	0	1	ND	8.0	2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Via.	7/22/2015	6:20 AM	0	1	0.2	8.0	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	7/22/2015	8:12 AM	0	1	0.1	8.0	1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	7/29/2015	8:33 AM	0	1	ND	7.9	2
13-2 26314 S. Monte Via.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	7/29/2015	8:15 AM	0	1	ND	8.0	2

Aug-15

Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.	8/5/2015	8:36 AM	0	1	ND	7.9	2
13-2 26314 S. Monte Via.	8/5/2015	9:03 AM	0	1	ND	7.9	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 Via.							3
13-3 1948 W. 252nd St.	8/12/2015	10:35 AM	0	1	0.2	8	1
13-4 24632 S. Moon Ave.	8/12/2015	11:30 AM	0	1	0.6	7.80	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 Via.	8/19/2015	7:01 AM	0	1	ND	8	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH	8/19/2015	6:00 AM	0	1	ND	8.1	2
Location	Date	Time	Color	Odor	Turbidity	pH	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Via.	8/26/2015	7:40 AM	0	1	ND	7.8	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	8/26/2015	7:23 AM	0	1	ND	7.5	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 Via.							3
13-3 1948 W. 252nd St.							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: 9/10/2015

**CITY OF LOMITA
MONTHLY CHLORINE RESIDUAL SUMMARY**

Jul-15

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/1/15	6:12 AM	2.08	A	A	2
13-2 26314 S. Monte Via.	7/1/15	6:22 AM	2.05	A	A	3
13-3 1948 W. 252nd St.	7/1/15	6:40 AM	2.04	A	A	1
13-4 24632 S. Moon Ave.	7/1/15	8:06 AM	0.74	A	A	1
13-5 2500 PCH	7/1/15	6:00 AM	1.71	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/8/15	7:15 AM	1.89	A	A	2
13-2 26314 S. Monte Via.	7/8/15	7:40 AM	2.00	A	A	3
13-3 1948 W. 252nd St.	7/8/15	7:55 AM	1.80	A	A	1
13-4 24632 S. Moon Ave.	7/8/15	8:15 AM	0.35	A	A	1
13-5 2500 PCH	7/8/15	8:30 AM	1.88	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/15/15	8:51 AM	2.09	A	A	2
13-2 26314 S. Monte Via.	7/15/15	9:02 AM	2.10	A	A	3
13-3 1948 W. 252nd St.	7/15/15	10:21 AM	1.29	A	A	1
13-4 24632 S. Moon Ave.	7/15/15	10:09 AM	0.73	A	A	1
13-5 2500 PCH	7/15/15	8:37 AM	2.07	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/22/2015	6:47 AM	2.00	P	A	2
13-2 26314 S. Monte Via.	7/22/2015	6:20 AM	1.90	A	A	3
13-3 1948 W. 252nd St.	7/22/2015	7:44 AM	1.10	A	A	1
13-4 24632 S. Moon Ave.	7/22/2015	8:12 AM	0.25	A	A	1
13-5 2500 PCH	7/22/2015	7:17 AM	1.90	A	A	2
13-1 1912 W. 259th Pl.	7/24/2015	10:40 AM	1.87	A	A	2
Appian Way	7/24/2015	11:00 AM	1.89	A	A	2
1920 259th St	7/24/2015	10:33 AM	2.20	A	A	2
Hydrant Adj to 1906 259th St	7/24/2015	10:45 AM	1.99	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	7/29/2015	8:33 AM	2.10	A	A	2
13-2 26314 S. Monte Via.	7/29/2015	8:15 AM	2.20	A	A	3
13-3 1948 W. 252nd St.	7/29/2015	9:40 AM	0.56	A	A	1
13-4 24632 S. Moon Ave.	7/29/2015	10:13 AM	0.35	A	A	1
13-5 2500 PCH	7/29/2015	8:15 AM	2.20	A	A	2

Average

1.63

SIGNATURE:



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

Aug-15

Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/5/2015	8:36 AM	2.17	A	A	2
13-2 26314 S. Monte Via.	8/5/2015	9:03 AM	2.11	A	A	3
13-3 1948 W. 252nd St.	8/5/2015	9:18 AM	0.99	A	A	1
13-4 24632 S. Moon Ave.	8/5/2015	10:50 AM	0.60	A	A	1
13-5 2500 PCH	8/5/2015	8:20 AM	1.77	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/12/2015	10:10 AM	1.88	A	A	2
13-2 26314 S. Monte Via.	8/12/2015	10:18 AM	1.83	A	A	3
13-3 1948 W. 252nd St.	8/12/2015	10:35 AM	0.40	A	A	1
13-4 24632 S. Moon Ave.	8/12/2015	11:30 AM	0.35	A	A	1
13-5 2500 PCH	8/12/2015	9:58 AM	1.86	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/19/2015	6:53 AM	2.20	A	A	2
13-2 26314 S. Monte Via.	8/19/2015	7:01 AM	2.30	A	A	3
13-3 1948 W. 252nd St.	8/19/2015	7:30 AM	0.51	A	A	1
13-4 24632 S. Moon Ave.	8/19/2015	7:20 AM	0.31	A	A	1
13-5 2500 PCH	8/19/2015	6:00 AM	2.11	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.	8/26/2015	7:50 AM	2.20	A	A	2
13-2 26314 S. Monte Via.	8/26/2015	7:40 AM	2.17	A	A	3
13-3 1948 W. 252nd St.	8/26/2015	7:30 AM	0.63	A	A	1
13-4 24632 S. Moon Ave.	8/26/2015	7:23 AM	0.43	A	A	1
13-5 2500 PCH	8/26/2015	8:00 AM	2.20	A	A	2
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.						
13-2 26314 S. Monte Via.						
13-3 1948 W. 252nd St.						
13-4 24632 S. Moon Ave.						
13-5 2500 PCH						
Location	Date	Time	CL2 Total mg/L	Total Coliform	Fecal E-coli	Zone
13-1 1912 W. 259th Pl.						
13-2 26314 S. Monte Via.						
13-3 1948 W. 252nd St.						
13-4 24632 S. Moon Ave.						
13-5 2500 PCH						

Average

1.45

DATE: 9/10/2015

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

Water System Name: Lomita City- Water Department

System No. 1910073

	TTHM (ppb)							
	Monitoring Periods				LRAA (TTHM)	Meets Standard ? (Y/N)	OEL (TTHM)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current Qtr)				
<i>Sample Date (month/date/year):</i>	<i>11/14/14</i>	<i>2/11/15</i>	<i>5/6/15</i>	<i>8/5/15</i>				
S13-011 (13SM1) 26255 Appian Way, Lomita	32.5	36.3	38.7	37.6	36.28	Y	37.55	N
S13-001 (13SM2) 1912 259th Pl., Lomita	32.8	36.1	39.6	37.6	36.525	Y	37.73	N
S13-003 (13-3) 1948 252nd St., Lomita	75.5	92.3	38.4	49.8	64	Y	57.58	N
S13-008 (13SM4) 2450 West 247th St., Lomita	72.2	79	39.8	34.6	56.40	Y	47.00	N

Comments:

Note: If your OEL is higher than the TTHM MCL at any location in the distribution system, you must conduct an operational evaluation by examining the system treatment and distribution operational practices, including: storage tank operations; excess storage capacity; distribution system flushing; changes in sources or source water quality; treatment changes; and any problems that may contribute to TTHM formation. From this evaluation you must identify what steps could be taken to minimize future OEL exceedances: Please submit your operational evaluation report to the State for review within 90 days.

Name & Title of Person Submitting Report Mark A. McAvoy, P.E., Public Works Director/City Engineer Date 9/10/2015

Clinical Laboratory of San Bernardino, Inc.



17 August 2015

Clinical Lab No.: 15H0473

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

Project Name: Standard Analysis
Sub Project: Lomita Water Distribution Quarterly Compliance

Enclosed are the results of the analyses for samples received at the laboratory on 08/05/15 . 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', written in a cursive style.

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: Lomita Water Distribution Quarterly Compliance
Project Manager: Mark Andersen

Work Order: 15H0473
Received: 08/05/15 17:15
Reported: 08/17/15

1912 W. 259th St.

15H0473-01 (Water)

Sample Date: 08/05/15 8:37

Sampler: Edward Duvivier

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

Cl Res Total (Field)	Field	2.17		N/A	mg/L	08/05/15	08/05/15	1532564	
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Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	12.2	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Bromoform	EPA 524.2	2.8	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Chloroform (Trichloromethane)	EPA 524.2	11.0	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Dibromochloromethane	EPA 524.2	11.6	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Total Trihalomethanes (TTHM)	EPA 524.2	37.6	1.0	80	ug/L	08/07/15	08/07/15	1532321	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>80 %</i>				<i>08/07/15</i>	<i>08/07/15</i>	<i>1532321</i>	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>92 %</i>				<i>08/07/15</i>	<i>08/07/15</i>	<i>1532321</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	3.2	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Dichloroacetic Acid	EPA 552.2	5.1	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Trichloroacetic Acid	EPA 552.2	2.7	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Total Haloacetic Acids (HAA5)	EPA 552.2	11.0	1.0	60	ug/L	08/11/15	08/12/15	1533063	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>99 %</i>				<i>08/11/15</i>	<i>08/12/15</i>	<i>1533063</i>	

2052 Dawn St

15H0473-02 (Water)

Sample Date: 08/05/15 9:44

Sampler: Edward Duvivier

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

Ortho-Phosphate (as P)	HACH 8048	0.16	0.0067	N/A	mg/L	08/06/15	08/06/15	1532478	
Phosphorus (Total as P)	HACH 8190	0.37	0.0067	N/A	mg/L	08/11/15	08/11/15	1533082	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Water Distribution Quarterly Compliance
Project Manager: Mark Andersen

Work Order: 15H0473
Received: 08/05/15 17:15
Reported: 08/17/15

1948 W 252nd St

15H0473-03 (Water)

Sample Date: 08/05/15 9:20

Sampler: Edward Duvivier

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

Cl Res Total (Field)	Field	0.99		N/A	mg/L	08/05/15	08/05/15	1532564	
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General Chemical Analyses

Ortho-Phosphate (as P)	HACH 8048	0.11	0.0067	N/A	mg/L	08/06/15	08/06/15	1532478	
Phosphorus (Total as P)	HACH 8190	0.38	0.0067	N/A	mg/L	08/11/15	08/11/15	1533082	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	15.9	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Bromoform	EPA 524.2	6.7	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Chloroform (Trichloromethane)	EPA 524.2	10.3	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Dibromochloromethane	EPA 524.2	16.9	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Total Trihalomethanes (TTHM)	EPA 524.2	49.8	1.0	80	ug/L	08/07/15	08/07/15	1532321	
Surrogate: Bromofluorobenzene	EPA 524.2	88 %				08/07/15	08/07/15	1532321	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	81 %				08/07/15	08/07/15	1532321	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	5.7	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Dichloroacetic Acid	EPA 552.2	5.7	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Trichloroacetic Acid	EPA 552.2	3.2	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Total Haloacetic Acids (HAA5)	EPA 552.2	14.6	1.0	60	ug/L	08/11/15	08/12/15	1533063	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	99 %				08/11/15	08/12/15	1533063	

24632 S Moon Ave

15H0473-04 (Water)

Sample Date: 08/05/15 10:48

Sampler: Edward Duvivier

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

Cl Res Total (Field)	Field	0.6		N/A	mg/L	08/05/15	08/05/15	1532564	
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General Chemical Analyses

Ortho-Phosphate (as P)	HACH 8048	0.19	0.0067	N/A	mg/L	08/06/15	08/06/15	1532478	
Phosphorus (Total as P)	HACH 8190	0.37	0.0067	N/A	mg/L	08/11/15	08/11/15	1533082	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Water Distribution Quarterly Compliance
Project Manager: Mark Andersen

Work Order: 15H0473
Received: 08/05/15 17:15
Reported: 08/17/15

26255 Appian Way

15H0473-05 (Water)

Sample Date: 08/05/15 8:45

Sampler: Edward Duvivier

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

Cl Res Total (Field)	Field	2.17		N/A	mg/L	08/05/15	08/05/15	1532564	
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Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	11.9	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Bromoform	EPA 524.2	2.8	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Chloroform (Trichloromethane)	EPA 524.2	11.7	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Dibromochloromethane	EPA 524.2	11.2	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Total Trihalomethanes (TTHM)	EPA 524.2	37.6	1.0	80	ug/L	08/07/15	08/07/15	1532321	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>87 %</i>				<i>08/07/15</i>	<i>08/07/15</i>	<i>1532321</i>	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>91 %</i>				<i>08/07/15</i>	<i>08/07/15</i>	<i>1532321</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	3.4	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Dichloroacetic Acid	EPA 552.2	5.8	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Trichloroacetic Acid	EPA 552.2	2.9	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Total Haloacetic Acids (HAA5)	EPA 552.2	12.1	1.0	60	ug/L	08/11/15	08/12/15	1533063	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>95 %</i>				<i>08/11/15</i>	<i>08/12/15</i>	<i>1533063</i>	

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Lomita Water Distribution Quarterly Compliance
Project Manager: Mark Andersen

Work Order: 15H0473
Received: 08/05/15 17:15
Reported: 08/17/15

2450 W 247th St 15H0473-06 (Water) Sample Date: 08/05/15 10:33 Sampler: Edward Duvivier

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

Cl Res Total (Field)	Field	1.74		N/A	mg/L	08/05/15	08/05/15	1532564	
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General Chemical Analyses

Ortho-Phosphate (as P)	HACH 8048	0.11	0.0067	N/A	mg/L	08/06/15	08/06/15	1532478	
Phosphorus (Total as P)	HACH 8190	0.31	0.0067	N/A	mg/L	08/11/15	08/11/15	1533082	

Trihalomethanes Analyses

Bromodichloromethane	EPA 524.2	10.9	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Bromoform	EPA 524.2	5.5	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Chloroform (Trichloromethane)	EPA 524.2	6.0	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Dibromochloromethane	EPA 524.2	12.2	1.0	N/A	ug/L	08/07/15	08/07/15	1532321	
Total Trihalomethanes (TTHM)	EPA 524.2	34.6	1.0	80	ug/L	08/07/15	08/07/15	1532321	
<i>Surrogate: Bromofluorobenzene</i>	<i>EPA 524.2</i>	<i>88 %</i>				<i>08/07/15</i>	<i>08/07/15</i>	<i>1532321</i>	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	<i>EPA 524.2</i>	<i>70 %</i>				<i>08/07/15</i>	<i>08/07/15</i>	<i>1532321</i>	

Haloacetic Acids Analyses

Dibromoacetic Acid	EPA 552.2	5.4	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Dichloroacetic Acid	EPA 552.2	5.7	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monobromoacetic Acid	EPA 552.2	ND	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Monochloroacetic Acid	EPA 552.2	ND	2.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Trichloroacetic Acid	EPA 552.2	3.1	1.0	N/A	ug/L	08/11/15	08/12/15	1533063	
Total Haloacetic Acids (HAA5)	EPA 552.2	14.2	1.0	60	ug/L	08/11/15	08/12/15	1533063	
<i>Surrogate: 2,3-Dibromopropionic Acid</i>	<i>EPA 552.2</i>	<i>94 %</i>				<i>08/11/15</i>	<i>08/12/15</i>	<i>1533063</i>	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

EDT Transfer Confirmation 1



Work Order: 15H0473
Report Date: 08/17/2015
Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

Page 1 of 1

LOMITA-CITY, WATER DEPT.		User ID: 4TH	System: 1910073	
SITE 1-26255 APPIAN WAY-STG2 DBP		Station No.: 1910073-800	Sampled: 150805 08:45	
BROMODICHLORMETHANE (THM)	Result: 11.9	Units: UG/L	Entry No.: 32101	Analyzed: 150807
BROMOFORM (THM)	Result: 2.8	Units: UG/L	Entry No.: 32104	Analyzed: 150807
DIBROMOCHLOROMETHANE (THM)	Result: 11.2	Units: UG/L	Entry No.: 32105	Analyzed: 150807
CHLOROFORM (THM)	Result: 11.7	Units: UG/L	Entry No.: 32106	Analyzed: 150807
DICHLOROACETIC ACID (DCAA)	Result: 5.8	Units: UG/L	Entry No.: 77288	Analyzed: 150812
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 37.6	Units: UG/L	Entry No.: 82080	Analyzed: 150807
DIBROMOACETIC ACID (DBAA)	Result: 3.4	Units: UG/L	Entry No.: 82721	Analyzed: 150812
TRICHLOROACETIC ACID (TCAA)	Result: 2.9	Units: UG/L	Entry No.: 82723	Analyzed: 150812
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 150812
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 150812
HALOACETIC ACIDS (five) (HAA5)	Result: 12.1	Units: UG/L	Entry No.: A-049	Analyzed: 150812
SITE 2-1912 259TH PL-STG2 DBP		Station No.: 1910073-801	Sampled: 150805 08:37	
BROMODICHLORMETHANE (THM)	Result: 12.2	Units: UG/L	Entry No.: 32101	Analyzed: 150807
BROMOFORM (THM)	Result: 2.8	Units: UG/L	Entry No.: 32104	Analyzed: 150807
DIBROMOCHLOROMETHANE (THM)	Result: 11.6	Units: UG/L	Entry No.: 32105	Analyzed: 150807
CHLOROFORM (THM)	Result: 11.0	Units: UG/L	Entry No.: 32106	Analyzed: 150807
DICHLOROACETIC ACID (DCAA)	Result: 5.1	Units: UG/L	Entry No.: 77288	Analyzed: 150812
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 37.6	Units: UG/L	Entry No.: 82080	Analyzed: 150807
DIBROMOACETIC ACID (DBAA)	Result: 3.2	Units: UG/L	Entry No.: 82721	Analyzed: 150812
TRICHLOROACETIC ACID (TCAA)	Result: 2.7	Units: UG/L	Entry No.: 82723	Analyzed: 150812
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 150812
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 150812
HALOACETIC ACIDS (five) (HAA5)	Result: 11.0	Units: UG/L	Entry No.: A-049	Analyzed: 150812
SITE 3-1948 252ND ST-STG2 DBP		Station No.: 1910073-802	Sampled: 150805 09:20	
BROMODICHLORMETHANE (THM)	Result: 15.9	Units: UG/L	Entry No.: 32101	Analyzed: 150807
BROMOFORM (THM)	Result: 6.7	Units: UG/L	Entry No.: 32104	Analyzed: 150807
DIBROMOCHLOROMETHANE (THM)	Result: 16.9	Units: UG/L	Entry No.: 32105	Analyzed: 150807
CHLOROFORM (THM)	Result: 10.3	Units: UG/L	Entry No.: 32106	Analyzed: 150807
DICHLOROACETIC ACID (DCAA)	Result: 5.7	Units: UG/L	Entry No.: 77288	Analyzed: 150812
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 49.8	Units: UG/L	Entry No.: 82080	Analyzed: 150807
DIBROMOACETIC ACID (DBAA)	Result: 5.7	Units: UG/L	Entry No.: 82721	Analyzed: 150812
TRICHLOROACETIC ACID (TCAA)	Result: 3.2	Units: UG/L	Entry No.: 82723	Analyzed: 150812
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 150812
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 150812
HALOACETIC ACIDS (five) (HAA5)	Result: 14.6	Units: UG/L	Entry No.: A-049	Analyzed: 150812
SITE 4-2450 247TH ST-STG2 DBP		Station No.: 1910073-803	Sampled: 150805 10:33	
BROMODICHLORMETHANE (THM)	Result: 10.9	Units: UG/L	Entry No.: 32101	Analyzed: 150807
BROMOFORM (THM)	Result: 5.5	Units: UG/L	Entry No.: 32104	Analyzed: 150807
DIBROMOCHLOROMETHANE (THM)	Result: 12.2	Units: UG/L	Entry No.: 32105	Analyzed: 150807
CHLOROFORM (THM)	Result: 6.0	Units: UG/L	Entry No.: 32106	Analyzed: 150807
DICHLOROACETIC ACID (DCAA)	Result: 5.7	Units: UG/L	Entry No.: 77288	Analyzed: 150812
TOTAL TRIHALOMETHANES (THM'S/TTHM)	Result: 34.6	Units: UG/L	Entry No.: 82080	Analyzed: 150807
DIBROMOACETIC ACID (DBAA)	Result: 5.4	Units: UG/L	Entry No.: 82721	Analyzed: 150812
TRICHLOROACETIC ACID (TCAA)	Result: 3.1	Units: UG/L	Entry No.: 82723	Analyzed: 150812
MONOBROMOACETIC ACID (MBAA)	Result: ND	Units: UG/L	Entry No.: A-041	Analyzed: 150812
MONOCHLOROACETIC ACID (MCAA)	Result: ND	Units: UG/L	Entry No.: A-042	Analyzed: 150812
HALOACETIC ACIDS (five) (HAA5)	Result: 14.2	Units: UG/L	Entry No.: A-049	Analyzed: 150812

Printed: 08/17/2015 10:53:57 AM Results of 15H0473 FINAL WRITEON ALL_SAMPLES

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

Clinical Laboratory of San Bernardino, Inc.



08 September 2015

Clinical Lab No.: 15H2176

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly

Enclosed are the results of the analyses for samples received at the laboratory on 08/26/15 . 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
Project Manager: Mark Andersen

Work Order: 15H2176
Received: 08/26/15 15:30
Reported: 09/08/15

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

15H2176-01 (Water)

Sample Date: 08/26/15 7:50

Sampler: Dan Mateik

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

Cl Res Total (Field) Field **2.2** N/A mg/L 08/26/15 08/26/15 1535355

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/26/15 08/27/15 1535431

E. Coli SM 9223 A N/A P/A 08/26/15 08/27/15 1535431

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

15H2176-02 (Water)

Sample Date: 08/26/15 7:40

Sampler: Dan Mateik

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

Cl Res Total (Field) Field **2.17** N/A mg/L 08/26/15 08/26/15 1535355

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/26/15 08/27/15 1535431

E. Coli SM 9223 A N/A P/A 08/26/15 08/27/15 1535431

General Physical Analyses

Apparent Color SM 2120B ND 3.0 15 Color Units 08/26/15 08/26/15 1535441

Odor Threshold EPA 140.1M **1** 1 3 TON 08/26/15 08/26/15 1535441

Turbidity EPA 180.1 ND 0.1 5 NTU 08/26/15 08/26/15 1535441

General Chemical Analyses

pH (Lab) SM 4500HB **7.8** N/A pH Units 08/26/15 08/26/15 1535338

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

15H2176-03 (Water)

Sample Date: 08/26/15 7:30

Sampler: Dan Mateik

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

Cl Res Total (Field) Field **0.63** N/A mg/L 08/26/15 08/26/15 1535355

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/26/15 08/27/15 1535431

E. Coli SM 9223 A N/A P/A 08/26/15 08/27/15 1535431

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly
Project Manager: Mark Andersen

Work Order: 15H2176
Received: 08/26/15 15:30
Reported: 09/08/15

24632 S Moon Ave (S13-004 Zone 1)

15H2176-04 (Water)

Sample Date: 08/26/15 7:23

Sampler: Dan Mateik

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

Cl Res Total (Field)	Field	0.43		N/A	mg/L	08/26/15	08/26/15	1535355	
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Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/26/15	08/27/15	1535431	
E. Coli	SM 9223	A		N/A	P/A	08/26/15	08/27/15	1535431	

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	08/26/15	08/26/15	1535441	
Odor Threshold	EPA 140.1M	1	1	3	TON	08/26/15	08/26/15	1535441	
Turbidity	EPA 180.1	ND	0.1	5	NTU	08/26/15	08/26/15	1535441	

General Chemical Analyses

pH (Lab)	SM 4500HB	7.5		N/A	pH Units	08/26/15	08/26/15	1535338	
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2500 Pacific Coast Highway (S13-005 Zone 2)

15H2176-05 (Water)

Sample Date: 08/26/15 8:00

Sampler: Dan Mateik

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

Cl Res Total (Field)	Field	2.2		N/A	mg/L	09/08/15	09/08/15	1537061	
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Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/26/15	08/27/15	1535431	
E. Coli	SM 9223	A		N/A	P/A	08/26/15	08/27/15	1535431	

pH (Lab) was analyzed ASAP but received and analyzed past the 15 minute hold time.

ND Analyte NOT DETECTED at or above the reporting limit

5/2/0

ISA 2176

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

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	YES					
Comments		ELAP #					
Sampled by	<i>Don Mateik</i>	1088					
Date	Time	Sample Identification	Matrix	Preserv	Type	Total Chlorine	Comments
8-26-15	0750	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	2.2	1 Bacti bottle
8-26-15	0740	26314 S. Monte Vista Ave (S13-002 Zone: 3)	DW	1,7	1D	2.17	1 Bacti+1 GP bottle
8-26-15	0730	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	6.3	1 Bacti bottle
8-26-15	0723	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4.3	1 Bacti+1 GP bottle
8-26-15	0800	2500 Pacific Coast Highway (S13-005 Zone: 2)	DW	1,7	1D	X	1 Bacti bottle
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO ₃ (4) NH ₄ Cl		Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW-Ground Water, W-Well D-Dist.					
(5) H ₂ SO ₄ (6) Na ₂ SO ₃ (7) Cold (8) Other:		Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special					
Relinquished By (Sign)		Print Name / Company	Date / Time		Received By (Sign)		
<i>Don Mateik</i>		CITY OF LOMITA	8-26-15 / 11:00		<i>[Signature]</i>		J. McCAB / CUSB
<i>[Signature]</i>		City of Lomita	8-26-15 / 3:30		<i>[Signature]</i>		<i>[Signature]</i>
Comments:		J. McCAB / CUSB			On ice () Intact () Custody seals Temp 20.1		
Shipped Via					() F (X) C		
					Page 1 of 1		

Clinical Laboratory of San Bernardino, Inc.



25 August 2015

Clinical Lab No.: 15H1651

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly

Enclosed are the results of the analyses for samples received at the laboratory on 08/19/15 . 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', written in a cursive style.

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
Project Manager: Mark Andersen

Work Order: 15H1651
Received: 08/19/15 00:00
Reported: 08/25/15

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

15H1651-01 (Water)

Sample Date: 08/19/15 6:53

Sampler: D Mateik/ Edward I

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

Cl Res Total (Field) Field **2.2** N/A mg/L 08/19/15 08/19/15 1534451

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/19/15 08/20/15 1534464

E. Coli SM 9223 A N/A P/A 08/19/15 08/20/15 1534464

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

15H1651-02 (Water)

Sample Date: 08/19/15 7:01

Sampler: D Mateik/ Edward I

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

Cl Res Total (Field) Field **2.3** N/A mg/L 08/19/15 08/19/15 1534451

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/19/15 08/20/15 1534464

E. Coli SM 9223 A N/A P/A 08/19/15 08/20/15 1534464

General Physical Analyses

Apparent Color SM 2120B ND 3.0 15 Color Units 08/19/15 08/19/15 1534498

Odor Threshold EPA 140.1M **1** 1 3 TON 08/19/15 08/19/15 1534498

Turbidity EPA 180.1 ND 0.1 5 NTU 08/19/15 08/19/15 1534498

General Chemical Analyses

pH (Lab) SM 4500HB **8.0** N/A pH Units 08/20/15 08/20/15 1534500

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

15H1651-03 (Water)

Sample Date: 08/19/15 7:30

Sampler: D Mateik/ Edward I

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

Cl Res Total (Field) Field **0.51** N/A mg/L 08/19/15 08/19/15 1534451

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/19/15 08/20/15 1534464

E. Coli SM 9223 A N/A P/A 08/19/15 08/20/15 1534464

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly
Project Manager: Mark Andersen

Work Order: 15H1651
Received: 08/19/15 00:00
Reported: 08/25/15

24632 S Moon Ave (S13-004 Zone 1)

15H1651-04 (Water)

Sample Date: 08/19/15 7:20

Sampler: D Mateik/ Edward I

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

Cl Res Total (Field)	Field	0.31		N/A	mg/L	08/19/15	08/19/15	1534451	
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Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/19/15	08/20/15	1534464	
E. Coli	SM 9223	A		N/A	P/A	08/19/15	08/20/15	1534464	

2500 Pacific Coast Highway (S13-005 Zone 2)

15H1651-05 (Water)

Sample Date: 08/19/15 6:00

Sampler: D Mateik/ Edward I

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

Cl Res Total (Field)	Field	2.11		N/A	mg/L	08/19/15	08/19/15	1534451	
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Microbiology Analyses

Total Coliform	SM 9223	A		N/A	P/A	08/19/15	08/20/15	1534464	
E. Coli	SM 9223	A		N/A	P/A	08/19/15	08/20/15	1534464	

General Physical Analyses

Apparent Color	SM 2120B	ND	3.0	15	Color Units	08/19/15	08/19/15	1534498	
Odor Threshold	EPA 140.1M	1	1	3	TON	08/19/15	08/19/15	1534498	
Turbidity	EPA 180.1	ND	0.1	5	NTU	08/19/15	08/19/15	1534498	

General Chemical Analyses

pH (Lab)	SM 4500HB	8.1		N/A	pH Units	08/20/15	08/20/15	1534500	
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pH (Lab) was analyzed ASAP but received and analyzed past the 15 minute hold time.

ND Analyte NOT DETECTED at or above the reporting limit

5/2/14

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

PH105

Client		City of Lomita		System Number		Analysis Requested	
Address		24373 Walnut Avenue Lomita, CA 91717		1910073		General Physical	
Phone #		(310) 325-9830		Destination Laboratory		pH	
Fax #		(310) 325-3627		[X] Clinical Laboratory			
Project		Standard Analysis		RWQCB Compliance		Total/E.coli P/A	
Sub Project		Distribution Weekly		YES			
Comments				ELAP #			
Sampled by		D MATEIK/Edward O.		1088			
Date	Time	Sample Identification	Matrix	Preserv	Type	Total Chlorine	Comments
8/19/15	6:53 AM	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	2.2	1 Bacti bottle
8/19/15	7:01	26314 S. Monte Vista Ave (S13-002 Zone: 3)	DW	1,7	1D	2.3	1 Bacti+1 GP bottle
8/19/15	8:30	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	.51	1 Bacti bottle
8/19/15	8:20	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	.31	1 Bacti bottle
8/19/15	8:00	2500 Pacific Coast Highway (S13-005 Zone: 2)	DW	1,7	1D	2.11	1 Bacti+1 GP bottle
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:		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)	
		CITY OF LOMITA		8-19-15 / 12:00			
Comments		City of Lomita		8-19-15		Intact () Custody seals Temp _____	
		J. W. ...				On ice (X) F (X) C	
Shipped Via		Fed X Golden State UPS Client		Other		Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



19 August 2015

Clinical Lab No.: 15H1164

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly

Enclosed are the results of the analyses for samples received at the laboratory on 08/12/15 . 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
Project Manager: Mark Andersen

Work Order: 15H1164
Received: 08/12/15 16:35
Reported: 08/19/15

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

15H1164-01 (Water)

Sample Date: 08/12/15 10:10

Sampler: Edward Duvivier

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

Cl Res Total (Field) Field **1.88** N/A mg/L 08/12/15 08/12/15 1533536

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

E. Coli SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

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

15H1164-02 (Water)

Sample Date: 08/12/15 10:18

Sampler: Edward Duvivier

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

Cl Res Total (Field) Field **1.83** N/A mg/L 08/12/15 08/12/15 1533536

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

E. Coli SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

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

15H1164-03 (Water)

Sample Date: 08/12/15 10:35

Sampler: Edward Duvivier

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

Cl Res Total (Field) Field **0.4** N/A mg/L 08/12/15 08/12/15 1533536

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

E. Coli SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

General Physical Analyses

Apparent Color SM 2120B ND 3.0 15 Color Units 08/12/15 08/12/15 1533531

Odor Threshold EPA 140.1M **1** 1 3 TON 08/12/15 08/12/15 1533531

Turbidity EPA 180.1 **0.2** 0.1 5 NTU 08/12/15 08/12/15 1533531

General Chemical Analyses

pH (Lab) SM 4500HB **8.0** N/A pH Units 08/13/15 08/13/15 1533549

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Distribution Weekly
Project Manager: Mark Andersen

Work Order: 15H1164
Received: 08/12/15 16:35
Reported: 08/19/15

24632 S Moon Ave (S13-004 Zone 1)

15H1164-04 (Water)

Sample Date: 08/12/15 11:30

Sampler: Edward Duvivier

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

Cl Res Total (Field) Field **0.35** N/A mg/L 08/12/15 08/12/15 1533536

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

E. Coli SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

General Physical Analyses

Apparent Color SM 2120B ND 3.0 15 Color Units 08/12/15 08/12/15 1533531

Odor Threshold EPA 140.1M 1 1 3 TON 08/12/15 08/12/15 1533531

Turbidity EPA 180.1 0.6 0.1 5 NTU 08/12/15 08/12/15 1533531

General Chemical Analyses

pH (Lab) SM 4500HB 7.8 N/A pH Units 08/13/15 08/13/15 1533549

2500 Pacific Coast Highway (S13-005 Zone 2)

15H1164-05 (Water)

Sample Date: 08/12/15 9:58

Sampler: Edward Duvivier

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

Cl Res Total (Field) Field **1.86** N/A mg/L 08/12/15 08/12/15 1533536

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

E. Coli SM 9223 A N/A P/A 08/12/15 08/13/15 1533516

pH (Lab) was analyzed ASAP but received and analyzed past the 15 minute hold time.

ND Analyte NOT DETECTED at or above the reporting limit

5/2/0

Clinical Laboratory of San Bernardino, Inc.

Chain of Custody

5/11/04

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		YES		pH	
Comments				ELAP #		General Physical	
Sampled by		Edward DuViver		1088		Total/E.coli P/A	
Date	Time	Sample Identification	Matrix	Preserv	Type	Total Chlorine	Comments
8/12/15	1010	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1.88	1 Bacti bottle
8/12/15	1018	26314 S. Monte Vista Ave (S13-002 Zone: 3)	DW	1,7	1D	1.83	1 Bacti bottle
8/12/15	1035	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	0.40	1 Bacti+1 GP bottle
8/12/15	1130	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	0.35	1 Bacti+1 GP bottle
8/12/15	0958	2500 Pacific Coast Highway (S13-005 Zone: 2)	DW	1,7	1D	1.86	1 Bacti bottle
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:		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)	
		Edward DuViver		8/12/15/11:00			
City of Lomita		City of Lomita		8/12/15 9:35			
Comments:		J. Lucero/clsb		Samples received: <input checked="" type="checkbox"/> On-site <input type="checkbox"/> Intact <input type="checkbox"/> Custody seals Temp			
Shipped Via		Fed X Golden State UPS Client Other		17.3		Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



24 August 2015

Clinical Lab No.: 15H1172

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

Project Name: Standard Analysis
Sub Project: Monthly Compliance

Enclosed are the results of the analyses for samples received at the laboratory on 08/12/15 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

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

Stu Styles

Client Services Manager

Clinical Laboratory of San Bernardino, Inc.



Lomita, City of
24373 Walnut Avenue
Lomita CA, 91717

Project: Standard Analysis
Sub Project: Monthly Compliance
Project Manager: Mark Andersen

Work Order: 15H1172
Received: 08/12/15 16:30
Reported: 08/24/15

Zone #2 Site #6 **15H1172-04 (Water)** **Sample Date:** 08/12/15 9:04 **Sampler:** Edward Duvivier

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

Total Filterable Residue/TDS SM 2540C **660** 5.0 1000 mg/L 08/14/15 08/17/15 1533614

Reservoir Effluent Site #5 **15H1172-05 (Water)** **Sample Date:** 08/12/15 8:51 **Sampler:** Edward Duvivier

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

Cl Res Total (Field) Field **3.58** N/A mg/L 08/21/15 08/21/15 1534511

General Physical Analyses

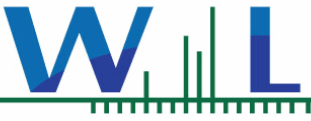
Apparent Color SM 2120B ND 3.0 15 Color Units 08/13/15 08/13/15 1533601

General Chemical Analyses

Total Filterable Residue/TDS SM 2540C **700** 5.0 1000 mg/L 08/14/15 08/17/15 1533614

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



Certificate of Analysis

Report Date: 08/20/15 15:05
Received Date: 08/14/15 10:40
Turnaround Time: 5 workdays

Project: 15H1172

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 :

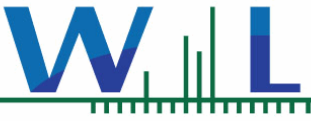
Enclosed are the results of analyses for samples received 8/14/2015 with the Chain of Custody document. The samples were received in good condition, at 3.1 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Lab ID: 5H14029-01 Sample ID: Raw Water Site #1 / 15H1172-01 Matrix: Water
Sampled by: John Styles Sampled: 08/12/15 09:01

Table with 11 columns: Analyte, Result, MDL, MRL, Units, Dil, Method, Prepared, Analyzed, Batch, Qualifier. Row 1: Methane, 6.4, 0.20, mg/l, 20, RSK-175, 8/14/15, 8/14/15 18:10, W5H0787

Lab ID: 5H14029-02 Sample ID: Reservoir Effluent Site #5 / 15H1172-05 Matrix: Water
Sampled by: John Styles Sampled: 08/12/15 08:51

Table with 11 columns: Analyte, Result, MDL, MRL, Units, Dil, Method, Prepared, Analyzed, Batch, Qualifier. Row 1: Methane, 0.61, 0.010, mg/l, 1, RSK-175, 8/14/15, 8/14/15 18:21, W5H0787



Certificate of Analysis

Quality Control Section

Dissolved Gases in Water by RSK-175 - Quality Control

Batch W5H0787 - RSK-175

Blank (W5H0787-BLK1)

Prepared: 08/14/15 Analyzed: 08/14/15 17:17

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		ND		mg/l					

LCS (W5H0787-BS1)

Prepared: 08/14/15 Analyzed: 08/14/15 17:38

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.201		mg/l	0.198	101	85-115		

Calibration Check (W5H0787-CCV1)

Prepared: 08/14/15 Analyzed: 08/14/15 17:27

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.00821		mg/l	0.00792	104	50-150		

Calibration Check (W5H0787-CCV2)

Prepared: 08/14/15 Analyzed: 08/14/15 17:06

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.195		mg/l	0.198	99	85-115		

Duplicate (W5H0787-DUP1)

Source: 5H07056-01

Prepared: 08/14/15 Analyzed: 08/14/15 17:59

Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane	0.697	0.776		mg/l				11	20

Certificate of Analysis

Notes:

The Chain of Custody document is part of the analytical report.
Any remaining sample(s) for testing will be disposed of one month from the final report date unless other arrangements are made in advance.
All results are expressed on wet weight basis unless otherwise specified.

An Absence of Total Coliform meets the drinking water standards as established by the State of California Department of Health Services. The Reporting Limit (RL) is referenced as laboratory's Practical Quantitation Limit (PQL).
For Potable water analysis, the Reporting Limit (RL) is referenced as Detection Limit for reporting purposes (DLRs) defined by EPA.

If sample collected by Weck Laboratories, sampled in accordance to lab SOP MIS002

Authorized Signature

Contact: Brandon Gee
(Project Manager)



ELAP # 1132
LACSD # 10143
NELAC #4047-002 ORELAP

The results in this report apply to the samples analyzed in accordance with the chain of custody document. Weck Laboratories certifies that the test results meet all requirements of NELAC unless noted in the Case Narrative. This analytical report must be reproduced in its entirety.

Flags for Data Qualifiers:

- ND NOT DETECTED at or above the Reporting Limit. If J-value reported, then NOT DETECTED at or above the Method Detection Limit (MDL).
- Sub Subcontracted analysis, original report enclosed.
- DL Method Detection Limit
- RL Method Reporting Limit
- MDA Minimum Detectable Activity
- NR Not Reportable

5H14029

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

15H1172

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 [] cole@clinical-lab.com

California EDT transfer those samples with PS codes provided [] Yes [x] No
Transfer File requested; log in with Element ID only [] Yes [x] No

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

Subcontract Comments:

Analysis

Comments

Sample ID: Raw Water Site #1 / 15H1172-01

**Sampled: 08/12/15 09:01 PS Code:
Water**

**WTX ID:
UCMR ID:**

Methane RSK175

Report in mg/L

Containers Supplied:

40mL Amber Vial w/ Na2S2O3 (B) 40mL Amber Vial w/ Na2S2O3 (C)

Sample ID: Reservoir Effluent Site #5 / 15H1172-05

**Sampled: 08/12/15 08:51 PS Code:
Water**

**WTX ID:
UCMR ID:**

Methane RSK175

Report in mg/L

Containers Supplied:

40mL Amber Vial HCl (B) 40mL Amber Vial HCl (C)

<i>BJ</i>	<i>08/14/15 10:50</i>		
Released By	Date / Time	Received By	Date / Time
Released By	Date / Time	Received By	Date / Time

SUBCONTRACT ORDER
Clinical Laboratory of San Bernardino
15H1172

5H14029

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 [] cole@clinical-lab.com

California EDT transfer those samples with PS codes provided [] Yes [x] No
Transfer File requested; log in with Element ID only [] Yes [x] No

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

Subcontract Comments:

Analysis

Comments

Sample ID: Raw Water Site #1 / 15H1172-01

Sampled: 08/12/15 09:01 PS Code:
Water

WTX ID:
UCMR ID:

Methane RSK175

Report in mg/L

Containers Supplied:

40mL Amber Vial w/ Na2S2O3 (B)

40mL Amber Vial w/ Na2S2O3 (C)

3.1

Released By	<i>Stu Styles</i>	Date / Time	<i>08/13/15 13:15</i>	Received By	<i>Denny Chappano</i>	Date / Time	<i>8/14/15 / 9:15</i>
Released By	<i>Denny Chappano</i>	Date / Time	<i>8/14/15 10:40</i>	Received By	<i>[Signature]</i>	Date / Time	<i>8.14.15 10:40</i>

Client		System Number		Analysis Requested		Comments / P.S. Codes	
City of Lomita		1910073		Methane (WATER) (RSK175)			
24373 Walnut Avenue		Destination Laboratory		Color		X	
Lomita, CA 91717		[X] Clinical Laboratory		Heterotrophic Plate Count		X	
Phone #	(310) 325-9830	CDHP Compliance		Total Coliform		X	
Fax #	(310) 325-3627	YES		E. Coli		X	
Project	Standard Analysis	ELAP #		Iron & Manganese		X	
Sub Project	Monthly Compliance	1088		Total Dissolved Solids		X	
Comments		Matrix	Type	Preserv	Total Chlorine		
Sampled by	Edward Davila	GW	IW	N/A	0 mg/L		
Date	Time	Sample Identification	Raw Water Site #1	0900			
8/12/15	0901	Raw Water Site #1	Raw Water Site #1	0857			
8/12/15	0856	Filter Effluent (Free Chlorine) Site#2	Raw Water Site #1	0857			
8/12/15	0859	Filter Effluent (Total Chlorine) Site#3	Filter Effluent (Free Chlorine) Site#2	0856			
8/12/15	0904	Zone #2 Site #6	Filter Effluent (Total Chlorine) Site#3	0859			
			Zone #2 Site #6	0904			
			Reservoir Effluent Site #5	0850			
			Reservoir Effluent Site #5	0851			
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)	
		Edward Davila		8/12/15 10:48 / 11:00			
		J. LASCENO / CLSB		8-12-15 4:30			
Comments: Samples received: <input checked="" type="checkbox"/> On ice <input checked="" type="checkbox"/> Intact () Custody seals Temp 17.3 () F <input checked="" type="checkbox"/> X							
Shipped Via		Fed X		Golden State		UPS	
		Client		Other		Page 1 of 1	

Clinical Laboratory of San Bernardino, Inc.



10 August 2015

Clinical Lab No.: 15H0423

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

Project Name: Standard Analysis
Sub Project: Distribution Weekly

Enclosed are the results of the analyses for samples received at the laboratory on 08/05/15 . 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', written in a cursive style.

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
Project Manager: Mark Andersen

Work Order: 15H0423
Received: 08/05/15 16:30
Reported: 08/10/15

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

15H0423-01 (Water)

Sample Date: 08/05/15 8:36

Sampler: Edward Duvivier

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

Cl Res Total (Field) Field 2.17 N/A mg/L 08/05/15 08/05/15 1532469

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/05/15 08/06/15 1532443

E. Coli SM 9223 A N/A P/A 08/05/15 08/06/15 1532443

General Physical Analyses

Apparent Color SM 2120B ND 3.0 15 Color Units 08/05/15 08/05/15 1532493

Odor Threshold EPA 140.1M 1 1 3 TON 08/05/15 08/05/15 1532493

Turbidity EPA 180.1 ND 0.1 5 NTU 08/05/15 08/05/15 1532493

General Chemical Analyses

pH (Lab) SM 4500HB 7.9 N/A pH Units 08/06/15 08/06/15 1532482

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

15H0423-02 (Water)

Sample Date: 08/05/15 9:03

Sampler: Edward Duvivier

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

Cl Res Total (Field) Field 2.11 N/A mg/L 08/05/15 08/05/15 1532469

Microbiology Analyses

Total Coliform SM 9223 A N/A P/A 08/05/15 08/06/15 1532443

E. Coli SM 9223 A N/A P/A 08/05/15 08/06/15 1532443

General Physical Analyses

Apparent Color SM 2120B ND 3.0 15 Color Units 08/05/15 08/05/15 1532493

Odor Threshold EPA 140.1M 1 1 3 TON 08/05/15 08/05/15 1532493

Turbidity EPA 180.1 ND 0.1 5 NTU 08/05/15 08/05/15 1532493

General Chemical Analyses

pH (Lab) SM 4500HB 7.9 N/A pH Units 08/06/15 08/06/15 1532482

5 Bacti Bottles
 2 glass (Gen. Physical bottles) Chain of Custody
 5/10/15

Clinical Laboratory of San Bernardino, Inc.

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		YES		pH	
Comments				ELAP #			
Sampled by		Edward D. Vivier		1088			
Date	Time	Sample Identification	Matrix	Preserv	Type	Total Chlorine	Comments
8/5/15	0836	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	2.17	1 Bacti+1 GP bottle
8/5/15	0903	26314 S. Monte Vista Ave (S13-002 Zone: 3)	DW	1,7	1D	2.11	1 Bacti+1 GP bottle
8/5/15	0918	1948 W. 252nd St. (S13-003 Zone: 1)	DW	1,7	1D	0.99	1 Bacti bottle
8/5/15	1050	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	0.60	1 Bacti bottle
8/5/15	0820	2500 Pacific Coast Highway (S13-005 Zone: 2)	DW	1,7	1D	1.77	1 Bacti bottle
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:		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					
Retinquished By (Sign)	Print Name / Company	Date / Time	Received By (Sign)				
	Edward D. Vivier	8/5/15 11:05			C.L.S.B.		
	B.B.10	8/5/15 4:30			J.M.M.		
Comments:		Samples received: (X) On ice (X) Intact (X) Custody seals Temp 15 () F () C					
Shipped Via		Fed X Golden State UPS Client Other		Page 1 of 1			