Division of Drinking Water

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

Req	mber juired 20	Year	Number Collected 20		2016 mber Total orm Positives	Number Fecal/ E.coli Positives
Num 1. Routine Samples (see note 1) 2. Repeat Samples Following Samples Which are Total Coliform	uired		Collected		orm Positives	
2. Repeat Samples Following Samples Which are Total Coliform	20		20		Λ	_
					0	0
			0		0	
3. Repeat Samples Following Routine Samples Which are Total Coliform <i>Positive</i> and Fecal/E.coli Positive			0		<u>_</u>	<u>,</u>
(see notes 5 and 6)			0		0	
4. MCL Computation For Total Coliform Positive Samples						
a. Totals (sum of columns)	20		20			
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]	V/A					
c. Is system in compliancewith fecal/E. coli MCL? (see notes 2 and 3)	7	Yes		No		
with monthly MCL? (see note 4)	√	Yes		No		
5. Source Samples Triggered by Routine Samples that are Total Coliform Positive	e		0		0	0

(This applies only to systems subject to the Groundwater Rule - see notes 7 and 8)

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 MI	Title	Date
TANE RATION	Public Works Director/City Engineer	11/10/2016

Comments: No groundwater source

1. Routine samples include:

a. Samples required pursuant to 22 CCR Section 64423 and any additional samples required by an approved routine sample siting plan established pursuant to 22 CCR Section 64422.

b. Extra samples are required for systems collecting less than five routine samples per month that had one or more total coliform positives in previous month;

c. Extra samples for systems with high source water turbidities that are using surface water or groundwater under direct influence of surface water and

do not practice filtration in compliance with regulations;

2. Note: For a repeat sample following a total coliform positive sample, any fecal/*E.coli* positive repeat (boxed entry) constitutes an MCL violation and

requires immediate notification to the Department (22, CCR, Section 64426.1). 3. Note: For repeat sample following a fecal/*E.coli* positive sample, any total coliform positive repeat (boxed entry) constitutes an MCL violation and

- requires immediate notification to the Department (22, CCR, Section 64426.1).
- 4. Total coliform MCL (Notify Department within 24 hours of MCL violation):
- a. For systems collecting less than 40 samples, if two or more samples are total coliform positive, then the MCL is violated.

b. For systems collecting 40 or more samples, if more than 5.0 percent of samples collected are total coliform positive, then the MCL is violated.

5. Positive results and their associated repeat samples are to be tracked on the Coliform Monitoring Worksheet.

6. Repeat samples must be collected within 24 hours of being notified of the positive results. For systems collecting more than one routine sample per month, three repeat samples must be collected for each total coliform positive sample. For systems collecting one or fewer routine samples per month, four repeat samples must be collected for each total coliform positive sample.

7. For systems subject to the Groundwater Rule: Positive results and the associated triggered source samples are to be tracked on the Coliform Monitoring Worksheet.

8. For triggered sample(s) required as a result of a total coliform routine positive sample, an *E.coli*, enterococci, or coliphage positive triggered sample (boxed entry) requires

immediate notification to the Department, Tier 1 public notification, and corrective action.

10/2009 - 8477

CITY OF LOMITA PUBLIC WORKS DEPARTMENT

RAW WATE												
NAME OF W	ATER S	YSTEM:	LOMIT/	<u>A, CITY</u>	OF			_				
SYSTEM NO):	1910073		MONT	H:	OCTOBE	R	YEAR:	2016			
			1					4				
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 N50	1 NEG	OFFLINE	OFFLINE	1 NEO		
										\nearrow		
				\square						\nearrow		
TOTAL	1	1	1	1	1	1	1	1	1	1		
		1		1		1		1	STANFOX			
EXAMPLES:	1 NEG		1 pos 1 neg.		OFELINE		NOT TAKEN	ļ	STANDBY			

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

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

Mark Matray

SIGNATURE:

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

Date: 11/10/2016

CITY OF LOMITA RAW WATER MONITORING REPORT - DISINFECTED GROUNDWATER SOURCE

System Name: CCITY OF LOMITA

System No.	1910073	Month: October	Year:	2016	
------------	---------	----------------	-------	------	--

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

Well Name or Number	Station Code	Status	Frequency of Sampling	Sampling Date	Total Coliform Result	Fecal Coliform Result
13-5	1910073-003	Online	Monthly	10/19/2016	Absent	Absent

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

Signature Mark Mktroy

Date 11/10/2016

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 BA	ASIN MUNICIPAL WATER DISTRICT	-	
Month:	October		Year:	2016
		DISINFECTION PROCESS D	ATA	
Disinfectant res	idual type:	Free chlorine (including well sources)	_	
		Free chlorine (no well sources)		
		Chloramines (including well sources) X	-	
		Chloramines (no well sources)	-	
No. of distributi	on system resid	lual samples collected:		20
No. of distributi	on system samp	bles for HPC only:		0
Total No. res	sidual and/or HI	PC samples collected:		20
No. of samples	with no detectal	ble residual and HPC is not measured:		0
No. of samples	with no residual	l and HPC > 500 CFU/ml:		0
No. of samples	for HPC only a	nd HPC > 500 CFU/ml:		0
Total No. of	samples with no	o residual and/or HPC > 500 CFU/ml:		0
Com	pute $V = 1 - To$	tal No. samples with no residual and/or HPC > 500 X 1	= 00	100
	Т	otal No. residual and/or HPC samples collected	_	
	Meets Standar	rd (i.e. $V > 95\%$) (Y/N)?	_	Y

SUMMARY OF WATER QUALITY COMPLAINTS

General Complaints:

Type of Complaint	Number	Corrective Actions Taken
Taste/Odor	1	Investigated situation. Chlorine residual and pressure readings taken. Flushed local fire hydrant.
Color	0	
Turbidity	0	
Suspended Solids	0	
Other (Describe)	0	

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

Persons Reporting	Date	Corrective Actions Taken

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

Signature:

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

Date:

11/10/2016

CITY OF LOMITA MONTHLY GENERAL PHYSICAL SUMMARY

Sep-16							
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.	9/7/2016	10:30 AM	0	1	ND	8.17	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	9/7/2016	8:10 AM	0	1	ND	8.16	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	9/14/2016	-	0	1	ND	8.21	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	9/14/2016	-	0	1	ND	7.59	1
13-5 2500 PCH	9/14/2016	-	0	1	ND	8.12	2
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.	9/21/2016	8:45 AM	0	1	0.4	8.19	2
13-2 26314 S. Monte Vta.	9/21/2016	8:30 AM	0	1	ND	8.09	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	9/28/2016	7:10 AM	0	1	ND	8.41	1
13-4 24632 S. Moon Ave.	9/28/2016	7:25 AM	0	1	ND	8.32	1
13-5 2500 PCH							2

Oct-16							
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	10/5/2016	7:00 AM	ND	1	ND	8.66	3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	10/5/2016	8:30 AM	ND	1	ND	8.38	1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.	10/12/2016	9:20 AM	ND	1	ND	8.26	2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.	10/12/2016	7:25 AM	ND	1	ND	8.03	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.							3
13-3 1948 W. 252nd St.							1
13-4 24632 S. Moon Ave.	10/19/2016	7:35 AM	ND	1	ND	8.3	1
13-5 2500 PCH	10/19/2016	8:05 AM	ND	1	ND	8.12	2
Location	Date	Time	Color	Odor	Turbidity	pН	Zone
13-1 1912 W. 259th Pl.							2
13-2 26314 S. Monte Vta.	10/26/2016	9:15 AM	ND	1	ND	8.24	3
13-3 1948 W. 252nd St.	10/26/2016	7:25 AM	ND	1	ND	8.31	1
13-4 24632 S. Moon Ave.							1
13-5 2500 PCH							2

SIGNATURE:

Mark Matray

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

DATE:

11/10/2016

CITY OF LOMITA MONTHLY CHLORINE RESIDUAL SUMMARY

Oct-16

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	Α	Α	2
13-2 26314 S. Monte Vta.	9/7/2016	10:15 AM	2.40	Α	A	3
13-3 1948 W. 252nd St.	9/7/2016	8:10 AM	1.60	Α	Α	1
13-4 24632 S. Moon Ave.	9/7/2016	10:45 AM	1.70	Α	Α	1
13-5 2500 PCH	9/7/2016	8:25 AM	1.80	Α	Α	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	Α	Α	2
13-2 26314 S. Monte Vta.	9/14/2016	-	2.10	Α	Α	3
13-3 1948 W. 252nd St.	9/14/2016	-	1.80	Α	Α	1
13-4 24632 S. Moon Ave.	9/14/2016	-	2.11	Α	Α	1
13-5 2500 PCH	9/14/2016	-	1.70	Α	Α	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	Α	Α	2
13-2 26314 S. Monte Vta.	9/21/2016	8:30 AM	1.90	Α	Α	3
13-3 1948 W. 252nd St.	9/21/2016	7:30 AM	1.60	Α	Α	1
13-4 24632 S. Moon Ave.	9/21/2016	7:10 AM	1.60	Α	Α	1
13-5 2500 PCH	9/21/2016	9:30 AM	2.10	Α	Α	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	Α	Α	2
13-2 26314 S. Monte Vta.	9/28/2016	8:10 AM	2.13	Α	Α	3
13-3 1948 W. 252nd St.	9/28/2016	7:10 AM	2.15	Α	Α	1
13-4 24632 S. Moon Ave.	9/28/2016	7:25 AM	2.06	Α	Α	1
13-5 2500 PCH	9/28/2016	7:55 AM	1.69	Α	Α	2

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

Average

1.91 Mark Mk

SIGNATURE:

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

DATE:

Average

11/10/2016

1.99

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

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

¹Notes: Report Due to DDW by the 10th of the following month. This Report can be used for the routine weekly monitoring (one Report per month) as well as for daily monitoring when there is actual and potential for nitrification (about four or five Reports per month, in this case). ²Coliform results are part of weekly Bacti sampling results.

APPENDIX A

LABORATORY RESULTS



17 October 2016

Clinical Lab No.: 16J0433

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/05/16. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

tister

Stu Styles Client Services Manager



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star b Project: Dist Manager: Mar	ribution I	Monthly - 1st W	Veek October 2	016		16J0433 10/05/16 16:25 10/17/16
1912 W. 259th St (S13-001 Zone: 2)		16J0433-0	1 (Water)		Sample Date	e: 10/05/16	7:20 S	ampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.11		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	2.2		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.47		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	21.9		N/A	°C	10/05/16	10/05/16	1641325	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.48	0.40	10	mg/L	10/06/16	10/06/16	1641265	
26314 S. Monte Vista Ave. (S13-002 Zo	ne: 3)	16J0433-0	2 (Water)		Sample Date	e: 10/05/16	7:00 S	ampler: C	B
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)									
	Field	0.19		N/A	mg/L	10/05/16	10/05/16	1641325	
	Field Field	0.19 2.1		N/A N/A	mg/L mg/L	10/05/16 10/05/16	10/05/16 10/05/16	1641325 1641325	
Cl Res Total (Field) pH (Field)				N/A N/A N/A	mg/L mg/L pH Units				
Cl Res Total (Field)	Field	2.1		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field) pH (Field)	Field Field	2.1 8.66		N/A N/A	mg/L pH Units	10/05/16 10/05/16	10/05/16 10/05/16	1641325 1641325	
Cl Res Total (Field) pH (Field) Temperature (Field)	Field Field	2.1 8.66		N/A N/A	mg/L pH Units	10/05/16 10/05/16	10/05/16 10/05/16	1641325 1641325	
Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u>	Field Field Field	2.1 8.66 21.2		N/A N/A N/A	mg/L pH Units °C	10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/05/16	1641325 1641325 1641325	
Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform	Field Field Field SM 9223	2.1 8.66 21.2 A	1	N/A N/A N/A	mg/L pH Units °C P/A	10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/05/16 10/06/16	1641325 1641325 1641325 1641334	HT-08
Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli	Field Field Field SM 9223 SM 9223	2.1 8.66 21.2 A A	1	N/A N/A N/A N/A	mg/L pH Units °C P/A P/A	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/05/16 10/06/16 10/06/16	1641325 1641325 1641325 1641334 1641334	HT-08
Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count	Field Field Field SM 9223 SM 9223	2.1 8.66 21.2 A A	1 3.0	N/A N/A N/A N/A	mg/L pH Units °C P/A P/A	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/05/16 10/06/16 10/06/16	1641325 1641325 1641325 1641334 1641334	HT-08
Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count <u>General Physical Analyses</u>	Field Field SM 9223 SM 9223 SM9215B	2.1 8.66 21.2 A A ND		N/A N/A N/A N/A 500	mg/L pH Units °C P/A P/A CFU/ml	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/05/16 10/06/16 10/06/16 10/07/16	1641325 1641325 1641325 1641334 1641334 1641334	HT-08
Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count <u>General Physical Analyses</u> Apparent Color	Field Field SM 9223 SM 9223 SM9215B	2.1 8.66 21.2 A A ND	3.0	N/A N/A N/A N/A 500	mg/L pH Units °C P/A P/A CFU/ml Color Units	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/05/16 10/06/16 10/06/16 10/07/16	1641325 1641325 1641325 1641334 1641334 1641442 1641355	HT-08
Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count General Physical Analyses Apparent Color Odor Threshold	Field Field SM 9223 SM 9223 SM9215B SM 2120B EPA 140.1M	2.1 8.66 21.2 A A ND ND	3.0 1	N/A N/A N/A N/A 500 15 3	mg/L pH Units °C P/A P/A CFU/ml Color Units TON	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/05/16 10/06/16 10/07/16 10/05/16 10/05/16	1641325 1641325 1641325 1641334 1641334 1641442 1641355 1641355	НТ-08



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star lb Project: Dist Manager: Mar	ribution N	Monthly - 1st We	eek October 2	016		16J0433 10/05/16 16:25 10/17/16
1948 W 252nd St (S13-003 Zone 1)		16J0433-0	3 (Water)		Sample Date:	10/05/16	8:00	Sampler: (СВ
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyze	d Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.03		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.4		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	23.5		N/A	°C	10/05/16	10/05/16	1641325	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.48	0.40	10	mg/L	10/06/16	10/06/16	1641265	
Ortho-Phosphate (as P)	HACH 8048	0.011	0.0067	N/A	mg/L	10/06/16	10/06/16	1641337	
Phosphorus (Total as P)	HACH 8190	0.045	0.0067	N/A	mg/L	10/10/16	10/10/16	1642028	
24632 S Moon Ave (S13-004 Zone 1)		16J0433-0	4 (Water)		Sample Date:	10/05/16	8:30	Sampler: (СВ
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyze	d Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.09		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.96			-	10/05/16	10/05/16	1641325	
Cl Res Total (Field) pH (Field)	Field Field			N/A N/A	mg/L pH Units	10/05/16 10/05/16	10/05/16 10/05/16		
		1.96		N/A	mg/L			1641325	
pH (Field) Temperature (Field)	Field	1.96 8.38		N/A N/A	mg/L pH Units	10/05/16	10/05/16	1641325	
pH (Field) Temperature (Field)	Field	1.96 8.38		N/A N/A	mg/L pH Units	10/05/16	10/05/16	1641325 1641325	
pH (Field) Temperature (Field) <u>Microbiology Analyses</u>	Field Field	1.96 8.38 23.6		N/A N/A N/A	mg/L pH Units °C	10/05/16 10/05/16	10/05/16 10/05/16	1641325 1641325 1641334	
pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform	Field Field SM 9223	1.96 8.38 23.6 A	1	N/A N/A N/A	mg/L pH Units °C P/A	10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16	1641325 1641325 1641334 1641334	
pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count	Field Field SM 9223 SM 9223	1.96 8.38 23.6 A A	1	N/A N/A N/A N/A	mg/L pH Units °C P/A P/A	10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16 10/06/16	1641325 1641325 1641334 1641334	
pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count	Field Field SM 9223 SM 9223	1.96 8.38 23.6 A A	1 3.0	N/A N/A N/A N/A	mg/L pH Units °C P/A P/A	10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16 10/06/16	1641325 1641325 1641334 1641334 1641442	HT-08
pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count General Physical Analyses	Field Field SM 9223 SM 9223 SM9215B	1.96 8.38 23.6 A A ND	1 3.0 1	N/A N/A N/A N/A 500	mg/L pH Units °C P/A P/A CFU/ml	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16 10/06/16 10/07/16	1641325 1641325 1641334 1641334 1641334 1641442 1641355	HT-08
pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count <u>General Physical Analyses</u> Apparent Color	Field Field SM 9223 SM 9223 SM9215B SM 2120B	1.96 8.38 23.6 A A ND		N/A N/A N/A N/A 500	mg/L pH Units °C P/A P/A CFU/ml Color Units	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16 10/06/16 10/07/16	1641325 1641325 1641334 1641334 1641334 1641442 1641355 1641355	HT-08
pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count <u>General Physical Analyses</u> Apparent Color Odor Threshold Turbidity	Field Field SM 9223 SM 9223 SM9215B SM 2120B EPA 140.1M	1.96 8.38 23.6 A A ND ND	1	N/A N/A N/A N/A 500 15 3	mg/L pH Units °C P/A P/A CFU/ml Color Units TON	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16 10/07/16 10/05/16 10/05/16	1641325 1641325 1641334 1641334 1641334 1641442 1641355 1641355	HT-08
pH (Field) Temperature (Field) Microbiology Analyses Total Coliform E. Coli Plate Count General Physical Analyses Apparent Color Odor Threshold Turbidity	Field Field SM 9223 SM 9223 SM9215B SM 2120B EPA 140.1M	1.96 8.38 23.6 A A ND ND	1	N/A N/A N/A N/A 500 15 3	mg/L pH Units °C P/A P/A CFU/ml Color Units TON	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16 10/07/16 10/05/16 10/05/16	1641325 1641325 1641334 1641334 1641334 1641342 1641355 1641355 1641355	HT-08
pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli Plate Count General Physical Analyses Apparent Color Odor Threshold Turbidity General Chemical Analyses	Field Field SM 9223 SM 9223 SM9215B SM 2120B EPA 140.1M EPA 180.1	1.96 8.38 23.6 A A ND ND 1 ND	1 0.1	N/A N/A N/A N/A 500 15 3 5	mg/L pH Units °C P/A P/A CFU/ml Color Units TON NTU	10/05/16 10/05/16 10/05/16 10/05/16 10/05/16 10/05/16 10/05/16	10/05/16 10/05/16 10/06/16 10/07/16 10/05/16 10/05/16	1641325 1641325 1641334 1641334 1641334 1641342 1641355 1641355 1641355 1641355	HT-08



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star b Project: Dist Manager: Mar	ribution N	Monthly - 1st V	Week October 2	016		16J0433 0/05/16 16:25 0/17/16
2500 PCH (S13-005 Zone 2)		16J0433-0	5 (Water)		Sample Da	te: 10/05/16	9:10	Sampler: Cl	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.11		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.84		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.42		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	24.5		N/A	°C	10/05/16	10/05/16	1641325	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	0.61	0.40	10	mg/L	10/06/16	10/06/16	1641265	
25417 Pennsylvania Ave (S13-008 Zone 1)		16J0433-0	6 (Water)		Sample Da	te: 10/05/16	8:50	Sampler: Cl	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.53		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.22		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.41		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	24.1		N/A	°C	10/05/16	10/05/16	1641325	
<u> Aicrobiology Analyses</u>									
Total Coliform	SM 9223	Α		N/A	P/A	10/05/16	10/06/16	1641334	
	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli					CFU/ml	10/05/16	10/07/16	1641442	HT-08
E. Coli Plate Count	SM9215B	ND	1	500	CFU/IIII	10/00/10			
Plate Count	SM9215B	ND	1	500	CF0/IIII	10,00,10			
Plate Count	SM9215B EPA 300.0	ND 0.62	1 0.40	500 10	mg/L	10/06/16	10/06/16	1641265	
Plate Count General Chemical Analyses								1641265 1641337	



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star b Project: Dist Manager: Mar	ribution N	Aonthly - 1st	Week October	2016 F		16J0433 0/05/16 16:25 0/17/16
2052 Dawn St (A Zone: 1)		16J0433-0	07 (Water)		Sample Da	te: 10/05/1	6 7:45 S a	ampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.13		N/A	mg/L	10/05/16	10/05/16	1641325	
Cl Res Total (Field)	Field	1.81		N/A	mg/L	10/05/16	10/05/16	1641325	
pH (Field)	Field	8.5		N/A	pH Units	10/05/16	10/05/16	1641325	
Temperature (Field)	Field	23		N/A	°C	10/05/16	10/05/16	1641325	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
E. Coli	SM 9223	А		N/A	P/A	10/05/16	10/06/16	1641334	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/05/16	10/07/16	1641442	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/06/16	10/06/16	1641265	
Ortho-Phosphate (as P)	HACH 8048	0.016	0.0067	N/A	mg/L	10/06/16	10/06/16	1641337	
Phosphorus (Total as P)	HACH 8190	0.029	0.0067	N/A	mg/L	10/10/16	10/10/16	1642028	

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

ND Analyte NOT DETECTED at or above the reporting limit

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Clinica	Clinical Laboratory of San Bernardino, Inc	o, Inc			-	•						Chấ	ain c	Chain of Custody	Лрс
													D		16J0433
Client	City of Lomita	Sy	System Number	mber					Anal	vsis I	Analysis Requested	sted			
Address	24373 Walnut Avenue					C F									
	Lomita, CA 91717			-	C/ NN 161	C)			-						
Phone #	(310) 325-9830			Desti	Destination Laboratory	oratory			Fot						
Fax#	(310) 325-3627				[X] Clinical Laboratory	oratory				C			Ort		
Project	Standard Analysis			RWC	RWQCB Compliance	llance					ŀ		tho		
Sub Project	Distribution Monthly - 1st Week October 2016								orm/E.	itrate	IPC	РН	ſ/ Ort		
Comments													ho P		
Sampled by	CB				1088								,		
Date Time	Sample Idenitification	Matrik	Preserv	Type	Bottle # Temp C	Temp C	Free Chlorine	Total Chlorine							,
10/5/2016 7:20,	, 1912 W. 259th St. (S13-001 Zone: 2)	ŊŊ	1,7	9	1	21.9	1.	2.2	×	×	×	547			
10/5/2016 7 cf m	26314 Monte Vista (S13-002 Zone:3)	W (I	1,7	1 D	7	2.12	611	2.1	-	x	<u> </u>	866			
	. 1948 W. 252nd St. (S13-003 Zone: 1)	ŊŊ	1,7	1	r	23.5	.03	2.04	 			8.40	×		
10/5/2016 8 30 A M	24632 S. Moon Ave. (S13-004 Zone: 1)	DW	1,7	1D	4	236	60'	761	×	x	×	838	x		
10/5/2016 9:10 A.M	2500 PCH (S-13-005 Zone: 2)	ŊŊ	1,7	1D	S	24.5	11.	181	x	x	xβ	842			
ī	Reservoir SP5	Ŋ(1,7	0	¢								X		
10/5/2016 8 50 A m	 25417 Pennsylvania Ave (S13-008 Zone: 1) 	Ŋ	1,7	1D	7	24.1	5.5	1.22	x	×	x 8	128	x		
10/5/2016 7:45 P.	2052 Dawn St (A Zone: 1)	Ŋ(1,7	Ū	×	23.0	÷ / 3	181	x	×	х	6.50	X		
Preservatives: (1) Na ₂ S ₂ O ₃ (5) H2SO4 (6) Na2S	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HC1 (3) HNO3 (4) NH4Cl (5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:	-	Mat	rix: DW-	Drinking	Water, W ¹ Type-	W-Waste	cr, WW-Waste Water, SW-Storm Water, GW- Grout Type-1-Routine, 2-Reneat, 3-Renlacement, 4-Snecial	Storm 3-Ren	Wate		Ground	Water, 1	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist. Tyne- 1-Routine. 2-Reneat. 3-Renlaceme N : 4-Snecial	št.
Relinquished By (Sign)	Sign) Print Name / Company			a.	Date / Time				Re	Lety	dela po	eived BN (Sign)			-
Carjos Bobadijia (12	R. L. Caty of Lomita	1	10/2/2016		M T			Į	ľ		T	X		-TUR	<u>an / (15)</u>
	J. WCOND (USB)		91.50	2	1 2 9	ŗ.		Ø		\downarrow				ALC C	culton -
0)		ノ					
				Sample	Samples received: A		On ice	★ On ice (×) Intact	lact	٦	Cust	tody sea	lls Te) Custody seals Temp 4.4	- ()F X
Shipped Via	Fed X Golden State [1/PS	Client		Other					Pape	l of	1 1				
			•						c						



25 October 2016

Clinical Lab No.: 16J1030

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/12/16. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

tister

Stu Styles Client Services Manager



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star Ib Project: Dist Manager: Mar	ribution	Weekly - 2nd V	Week October 2		Work Order: Received: Reported:	16J1030 10/12/16 16:00 10/25/16
1912 W. 259th St. (S13-001 Zone: 2)		16J1030-(01 (Water)		Sample Da	te: 10/12/16	9:20	Sampler: (СВ
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.26		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	23.2		N/A	°C	10/12/16	10/12/16	1642361	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	
General Physical Analyses									
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/12/16	10/12/16	1642331	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/12/16	10/12/16	1642331	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/12/16	10/12/16	1642331	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
26314 Monte Vista Ave. (S13-002 Zone:	: 3)	16J1030-(02 (Water)		Sample Da	te: 10/12/16	9:40	Sampler: (СВ
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.3		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.22		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	23.1		N/A	°C	10/12/16	10/12/16	1642361	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star Ib Project: Dist Manager: Mar	ribution	Weekly - 2nd W	Veek October 2			16J1030 0/12/16 16:00 0/25/16
1948 W. 252nd St. (S13-003 Zone: 1)		16J1030-()3 (Water)		Sample Dat	e: 10/12/16	7:25	Sampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.12		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.03		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	21.4		N/A	°C	10/12/16	10/12/16	1642361	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	HT-08
General Physical Analyses									
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/12/16	10/12/16	1642331	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/12/16	10/12/16	1642331	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/12/16	10/12/16	1642331	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
24632 S. Moon Ave. (S13-004 Zone: 1)		16J1030-()4 (Water)		Sample Dat	e: 10/12/16	7:55	Sampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.07		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	2.06		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.11		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	21.9		N/A	°C	10/12/16	10/12/16	1642361	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	HT-08
General Chemical Analyses									



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Stan b Project: Dist Manager: Mar	ribution V	Veekly - 2nd W	/eek October 20)16		16J1030 0/12/16 16:00 0/25/16
2500 PCH (S13-005 Zone: 2)		16J1030-0	5 (Water)		Sample Dat	e: 10/12/16	8:55	Sampler: CI	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.46		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	1.6		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	8.18		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	22.9		N/A	°C	10/12/16	10/12/16	1642361	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/12/16	10/14/16	1642413	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	
25417 Pennsylvania Ave (S13-008 Zone	: 1)	16J1030-0	6 (Water)		Sample Dat	e: 10/12/16	8:35	Sampler: CI	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
					enno	Trepared	2		~~~~~
Field Analyses					0	Tepareu			Quantier
	Field	0		N/A		10/12/16	10/12/16	1642361	Quantos
Cl Res Free (Field)	Field Field	0 1.31		N/A N/A	mg/L				
Cl Res Free (Field) Cl Res Total (Field)						10/12/16	10/12/16	1642361	Quante
	Field	1.31		N/A	mg/L mg/L	10/12/16 10/12/16	10/12/16 10/12/16	1642361 1642361	
Cl Res Total (Field) pH (Field)	Field Field	1.31 8.12		N/A N/A	mg/L mg/L pH Units	10/12/16 10/12/16 10/12/16	10/12/16 10/12/16 10/12/16	1642361 1642361 1642361	
Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field)	Field Field	1.31 8.12		N/A N/A	mg/L mg/L pH Units	10/12/16 10/12/16 10/12/16	10/12/16 10/12/16 10/12/16	1642361 1642361 1642361	
Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u>	Field Field Field	1.31 8.12 22.4		N/A N/A N/A	mg/L mg/L pH Units °C	10/12/16 10/12/16 10/12/16 10/12/16	10/12/16 10/12/16 10/12/16 10/12/16	1642361 1642361 1642361 1642361	
Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform	Field Field Field SM 9223	1.31 8.12 22.4 A	1	N/A N/A N/A	mg/L mg/L pH Units °C P/A	10/12/16 10/12/16 10/12/16 10/12/16 10/12/16	10/12/16 10/12/16 10/12/16 10/12/16 10/13/16	1642361 1642361 1642361 1642361 1642323	HT-08
Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform E. Coli	Field Field Field SM 9223 SM 9223	1.31 8.12 22.4 A A	1	N/A N/A N/A N/A	mg/L mg/L pH Units °C P/A P/A	10/12/16 10/12/16 10/12/16 10/12/16 10/12/16 10/12/16	10/12/16 10/12/16 10/12/16 10/12/16 10/13/16 10/13/16	1642361 1642361 1642361 1642361 1642323 1642323	



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star b Project: Dist Manager: Mar	ribution V	Veekly - 2nd	Week October	2016 F		16J1030 0/12/16 16:00 0/25/16
2052 Dawn St (A Zone: 1)		16J1030-0	7 (Water)		Sample Da	te: 10/12/1	6 7:05 S a	ampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.17		N/A	mg/L	10/12/16	10/12/16	1642361	
Cl Res Total (Field)	Field	1.9		N/A	mg/L	10/12/16	10/12/16	1642361	
pH (Field)	Field	7.29		N/A	pH Units	10/12/16	10/12/16	1642361	
Temperature (Field)	Field	22.5		N/A	°C	10/12/16	10/12/16	1642361	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
E. Coli	SM 9223	А		N/A	P/A	10/12/16	10/13/16	1642323	
Plate Count	SM9215B	2	1	500	CFU/ml	10/12/16	10/14/16	1642413	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/13/16	10/13/16	1642263	

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

ND Analyte NOT DETECTED at or above the reporting limit

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y of S	
Laborator	
Clinical	

Clinical	Clinical Laboratory of San Bernardino, Inc.	. Inc.									Cha	ン) 2 in of Cu	つ) 2 (C Chain of Custodv
													1601030
Client	City of Lomita	Syst	System Number	ber				Ana	lysis	Regu	Analysis Requested		
Address	24373 Walnut Avenue				6200								
	Lomita, CA 91717			171	C/00161			1					
Phone #	(310) 325-9830			Destination	Destination Laboratory								
Fax#	(310) 325-3627			[X] Clinica	[X] Clinical Laboratory	y			Ger			Ort	
Project	Standard Analysis			RWQCB	RWQCB Compliance						J	ho T	
Sub Project	Distribution Weekly - 2nd Week October 2016							rm/E.	trate I Phys	IPC	PH	V Ortl	
Comments					0				ical			ho P	
Sampled by	CB				1088			P/A					
Date	Sample Idenitification	Matrix Pr	reserv	lype Bottle #	le # Temp C	C filorine	Total Chlorine						
10/12/2016 7.2° a.	1912 W. 259th St. (S13-001 Zone: 2)	DW 1	1,7 1	1D 1	23 2	0	2.3	×	×	xx	826		
	26314 Monte Vista (S13-002 Zone:3)	DW 1		1D 2	23.1	0	2.3	x		x x	8.2.2		
_				1D 3		212	2.4	×	×	X X	803		
	2463	DW	-	1	1 21.9	- C F	2.06	×	×	X X	811		
10/12/2016 8 5, An	2500 PC		_	11) 5		91,.	1.60	×	~	X X	<i>0. i</i> 8		
c		-+		E									PLANT OFF
10/12/2016 8: >5 # ~	25417 Po	-+	_		\sim	0	1,31	×	~	X X	8.12		
10/12/2016 7:05 m	م 2052 Dawn St (A Zone: 1)	DW D	1,7	8	22.5	410	1,90	×	×	x	7.29		
			+	+					+	+			
Preservatives: (1) Na ₂ S ₂ O ₃ (5) H2SO4 (6) Na2SC	Preservatives: (1) Na ₂ S ₂ O ₃ (2) H(1 (3) HNO3 (4) NH4Cl (5) H2SO4 (6) Na2SO3 (7) (old (8) Other:		Matri	x: DW-Drin	king Water, Ty	WW-Wast pe- 1-Routi	er, WW-Waste Water, SW-Storm Water, GW- Grou Type- 1-Routine, 2-Repret, 3-Replacement, 4-Special	-Stori . 3-Re	n Wat placen	ter, G' nent, 4	W- Ground ' 4-Special	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	II D- Dist.
Relinquished By (Sign)	Sign) Print Name / Company			Date /	/ Time			R	ee E	ved B	By (Sign)		
Carfos Bobadilla	BUUUN City of Lomita	10	10/12/2016	112	00:		3	R	5	1r		ance.	NU (15B
	J.MUCRAN CUSB	2	927.0	1. 4.	00		5	1	\mathbf{h}			AM	ULSB
		4	- Z	Samples received:	ceived:	On ice	e (X) Intact	tact	ບ	-C	Custody seals Temp	ls Temp	05 ()F X
Shipped Via	Fed X Golden State UPS	Client	11 Other	her				Pa	Page_I	_ of			



27 October 2016

Clinical Lab No.: 16J1574

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/19/16. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

tister

Stu Styles Client Services Manager



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717		Project:Standard AnalysisWork Order:16J1574Sub Project:Distribution Weekly - 3rd Week October 2016Received:10/19/16 16:00Project Manager:Mark AndersenReported:10/27/16							
1912 W. 259th St (S13-001 Zone: 2)		16J1574-0	01 (Water)		Sample Dat	e: 10/19/16	8:40	Sampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.98		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.24		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	21.7		N/A	°C	10/19/16	10/19/16	1643375	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	
26314 Monte Vista (S13-002 Zone: 3)		16J1574-0	2 (Water)		Sample Dat	e: 10/19/16	8:55	Sampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.24		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.86		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.21		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	21.9		N/A	°C	10/19/16	10/19/16	1643375	
Microbiology Analyses									
Total Coliform	SM 9223	Α		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	Α		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	
General Chemical Analyses									



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project: Standard Analysis Sub Project: Distribution Weekly - 3rd Week October 2016 Project Manager: Mark Andersen							Work Order: 16J1574 Received: 10/19/16 16:00 Reported: 10/27/16		
1948 W. 252nd St (S13-003 Zone: 1)		16J1574-0	3 (Water)		Sample Dat	e: 10/19/16	7:10	Sampler: C	В	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
Cl Res Free (Field)	Field	0.19		N/A	mg/L	10/19/16	10/19/16	1643375		
Cl Res Total (Field)	Field	1.94		N/A	mg/L	10/19/16	10/19/16	1643375		
pH (Field)	Field	8.37		N/A	pH Units	10/19/16	10/19/16	1643375		
Temperature (Field)	Field	19.1		N/A	°C	10/19/16	10/19/16	1643375		
Microbiology Analyses										
Total Coliform	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
E. Coli	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08	
<u>General Chemical Analyses</u>										
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283		
24632 S. Moon Ave (S13-004 Zone: 1)		16J1574-0	4 (Water)		Sample Dat	e: 10/19/16	7:35	Sampler: C	В	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
Cl Res Free (Field)	Field	0.75		N/A	mg/L	10/19/16	10/19/16	1643375		
Cl Res Total (Field)	Field	1.81		N/A	mg/L	10/19/16	10/19/16	1643375		
pH (Field)	Field	8.3		N/A	pH Units	10/19/16	10/19/16	1643375		
Temperature (Field)	Field	19.7		N/A	°C	10/19/16	10/19/16	1643375		
Microbiology Analyses										
Total Coliform	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
E. Coli	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
		NID	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08	
Plate Count	SM9215B	ND	-							
	SM9215B	ND	-							
Plate Count	SM9215B SM 2120B	ND	3.0	15	Color Units	10/19/16	10/19/16	1643328		
Plate Count General Physical Analyses				15 3	Color Units TON	10/19/16 10/19/16	10/19/16 10/19/16	1643328 1643328		
Plate Count <u>General Physical Analyses</u> Apparent Color	SM 2120B	ND	3.0							
Plate Count General Physical Analyses Apparent Color Odor Threshold	SM 2120B EPA 140.1M	ND 1	3.0 1	3	TON	10/19/16	10/19/16	1643328		



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717		Project: Standard Analysis Sub Project: Distribution Weekly - 3rd Week October 2016 Project Manager: Mark Andersen						Work Order: 16J1574 Received: 10/19/16 16:00 Reported: 10/27/16		
2500 PCH (S13-005 Zone: 2)		16J1574-(05 (Water)		Sample Dat	te: 10/19/16	8:05 S	Sampler: C	В	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
Cl Res Free (Field)	Field	0.06		N/A	mg/L	10/19/16	10/19/16	1643375		
Cl Res Total (Field)	Field	1.3		N/A	mg/L	10/19/16	10/19/16	1643375		
pH (Field)	Field	8.12		N/A	pH Units	10/19/16	10/19/16	1643375		
Temperature (Field)	Field	19		N/A	°C	10/19/16	10/19/16	1643375		
Microbiology Analyses										
Total Coliform	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
E. Coli	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08	
General Physical Analyses										
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/19/16	10/19/16	1643328		
Odor Threshold	EPA 140.1M	1	1	3	TON	10/19/16	10/19/16	1643328		
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/19/16	10/19/16	1643328		
General Chemical Analyses										
Nitrate as N (NO3-N)	EPA 300.0	0.41	0.40	10	mg/L	10/20/16	10/20/16	1643283		
25417 Pennsylvania Ave (S13-008 Z	Zone: 1)	16J1574-(06 (Water)		Sample Dat	te: 10/19/16	7:50 S	Sampler: C	В	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
Cl Res Free (Field)	Field	0.13		N/A	mg/L	10/19/16	10/19/16	1643375		
Cl Res Total (Field)	Field	1.22		N/A	mg/L	10/19/16	10/19/16	1643375		
pH (Field)	Field	8.26		N/A	pH Units	10/19/16	10/19/16	1643375		
Temperature (Field)	Field	20.5		N/A	°C	10/19/16	10/19/16	1643375		
Microbiology Analyses										
Total Coliform	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
E. Coli	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
Plate Count	SM9215B	ND	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08	
General Chemical Analyses										
General Chemical Analyses										



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717		Project: Standard Analysis Sub Project: Distribution Weekly - 3rd Week October 2016 Project Manager: Mark Andersen							16J1574 0/19/16 16:00 0/27/16
2052 Dawn St (A Zone: 1)		16J1574-0	97 (Water)		Sample Da	te: 10/19/16	6 6:50 S	ampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.35		N/A	mg/L	10/19/16	10/19/16	1643375	
Cl Res Total (Field)	Field	1.82		N/A	mg/L	10/19/16	10/19/16	1643375	
pH (Field)	Field	8.42		N/A	pH Units	10/19/16	10/19/16	1643375	
Temperature (Field)	Field	21.8		N/A	°C	10/19/16	10/19/16	1643375	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307	
E. Coli	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307	
Plate Count	SM9215B	10	1	500	CFU/ml	10/19/16	10/21/16	1643424	HT-08
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/20/16	10/20/16	1643283	

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

601574 **NO H20 PRODUCTION Chain of Custody** ()F Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D- Dist 989 Samples received: (XOn ice (X) Intact () Custody seals Temp 10.9 F Z **Ortho T/ Ortho P** Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special 378 8.24 £5.8 8.30 8.12 678 ed By (Sign) 8.21 PH Analysis Requested × × × × × Page_1_ of_1 X X HPC × × × × × × × Nitrate General Physical × × Total Coliform/E.coli P/A × × × × × × × 98 1.74 Chlorine 1,36 1.22 185 Total 130 ., 8 Chlorine 5 1 2 t, t Free . 24 510 . د د Ĵ. 0 [X] Clinical Laboratory Bottle # Temp C 21.7 20.5 218 190 Destination Laboratory 191 RWQCB Compliance 21.9 5 1910073 2:30 1:00 Date / Time 1088 YES n ¢ œ 2 m 4 1 **System Number** 9 9 9 **=** Type **= =** 9 9 | | Other d19-10 10/19/2016 Preserv 1.7 5 1.7 1.7 1.7 5 1.7 1.7 | | Client Clinical Laboratory of San Bernardino, Inc. Matrix DW ΜQ ΜQ ΜQ ΜQ ΜQ ΜQ DW Distribution Weekly - 3RD Week October 2016 SAU | 25417 Pennsylvania Ave (S13-008 Zone: 1) 24632 S. Moon Ave. (S13-004 Zone: 1) Print Name / Company 1912 W. 259th St. (S13-001 Zone: 2) 26314 Monte Vista (S13-002 Zone:3) 1948 W. 252nd St. (S13-003 Zone: 1) City of Lomita 2500 PCH (S-13-005 Zone: 2) 2020/01/R 2052 Dawn St (A Zone: 1) 24373 Walnut Avenue Sample Idenitification | | Golden State Lomita, CA 91717 **Standard Analysis** (310) 325-9830City of Lomita (310) 325-3627 **Reservoir SP5** ß Preservatives: (1) Na₂S₂O₃ (2) HCl (3) HNO3 (4) NH4Cl MY I | | Fed X (5) H2SO4 (6) Na2SO3 (7) Cold (8) Other: めりて Relinquished By (Sign) 10/19/2016 7:10A.m 10/19/2016 7:35 44 10/19/2016 7.5004 10/19/2016 8:05 4.2 BISSA 8:40 -Time 10/19/2016 6 54 10/19/2016 Sub Project Comments 10/19/2016 Sampled by Cachos Bybach Shipped Via Date Address Phone # Project Eax# Client



28 October 2016

Clinical Lab No.: 16J1987

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

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

Enclosed are the results of the analyses for samples received at the laboratory on 10/26/16. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

tister

Stu Styles Client Services Manager



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717		Project: Standard Analysis Sub Project: Distribution Weekly - 4th Week October 2016 Project Manager: Mark Andersen						Work Order: 16J1987 Received: 10/26/16 15:50 Reported: 10/28/16		
1912 W. 259th St (S13-001 Zone: 2)		16J1987-0	1 (Water)		Sample Dat	e: 10/26/16	9:00 S	ampler: C	В	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
Cl Res Free (Field)	Field	0.1		N/A	mg/L	10/26/16	10/26/16	1644280		
Cl Res Total (Field)	Field	2		N/A	mg/L	10/26/16	10/26/16	1644280		
pH (Field)	Field	8.23		N/A	pH Units	10/26/16	10/26/16	1644280		
Temperature (Field)	Field	21.8		N/A	°C	10/26/16	10/26/16	1644280		
Microbiology Analyses										
Total Coliform	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314		
E. Coli	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314		
Plate Count	SM9215B	1	1	500	CFU/ml	10/26/16	10/28/16	1644393		
General Chemical Analyses										
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139		
26314 Monte Vista Ave. (S13-002 Zone:	3)	16J1987-0	2 (Water)		Sample Dat	e: 10/26/16	9:15 S	ampler: C	В	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
Cl Res Free (Field)	Field	0.26		N/A	mg/L	10/26/16	10/26/16	1644280		
Cl Res Total (Field)	Field	2.17		N/A	mg/L	10/26/16	10/26/16	1644280		
pH (Field)	Field	8.24		N/A	pH Units	10/26/16	10/26/16	1644280		
Temperature (Field)	Field	22.3		N/A	°C	10/26/16	10/26/16	1644280		
Microbiology Analyses										
Total Coliform	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314		
	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314		
E. Coli	31v1 9223									
E. Coli Plate Count	SM9215B	1	1	500	CFU/ml	10/26/16	10/28/16	1644393		
			1	500	CFU/ml	10/26/16	10/28/16	1644393		
Plate Count General Physical Analyses				500 15	CFU/ml Color Units	10/26/16	10/28/16	1644393 1644318		
Plate Count	SM9215B	1	1 3.0 1							
Plate Count General Physical Analyses Apparent Color	SM9215B SM 2120B	1 ND	3.0	15	Color Units	10/26/16	10/26/16	1644318		
Plate Count General Physical Analyses Apparent Color Odor Threshold	SM9215B SM 2120B EPA 140.1M	1 ND 1	3.0 1	15 3	Color Units TON	10/26/16 10/26/16	10/26/16 10/26/16	1644318 1644318		



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717	Project:Standard AnalysisWork Order:16J1987Sub Project:Distribution Weekly - 4th Week October 2016Received:10/26/16 15:3Project Manager:Mark AndersenReported:10/28/16							0/26/16 15:50	
1948 W. 252nd St (S13-003 Zone 1)		16J1987-0	03 (Water)		Sample Dat	te: 10/26/16	7:25 S	ampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.19		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	1.92		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.31		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.6		N/A	°C	10/26/16	10/26/16	1644280	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	HT-08
General Physical Analyses									
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/26/16	10/26/16	1644318	
Odor Threshold	EPA 140.1M	1	1	3	TON	10/26/16	10/26/16	1644318	
Turbidity	EPA 180.1	ND	0.1	5	NTU	10/26/16	10/26/16	1644318	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
24632 S. Moon Ave (S13-004 Zone 1)		16J1987-0	94 (Water)		Sample Dat	te: 10/26/16	7:45 S	ampler: C	В
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.05		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	1.95		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.16		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21		N/A	°C	10/26/16	10/26/16	1644280	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	HT-08
General Chemical Analyses									



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star b Project: Dist Manager: Mar	ribution V	Veekly - 4th V	Veek October 20	016		6J1987 5/16 15:50 3/16
2500 PCH (S13-005 Zone 2)		16J1987-0	95 (Water)		Sample Da	te: 10/26/16	8:30	Sampler: CB	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch Q	ualifier
Field Analyses									
Cl Res Free (Field)	Field	0		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	2.04		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.25		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.3		N/A	°C	10/26/16	10/26/16	1644280	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	
General Chemical Analyses									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
Reservoir SP5		16J1987-0	6 (Water)		Sample Da	te: 10/26/16	9:40	Sampler: CB	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch Q	ualifier
Field Analyses									
Cl Res Free (Field)	Field	0.19		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8		N/A	pH Units	10/26/16	10/26/16	1644280	
		21.4		N/A	°C	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.4							
Temperature (Field) <u>Microbiology Analyses</u>	Field	21.4							
	Field SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
Microbiology Analyses					P/A P/A	10/26/16 10/26/16	10/27/16 10/27/16	1644314 1644314	
Microbiology Analyses Total Coliform	SM 9223	А	1	N/A					
Microbiology Analyses Total Coliform E. Coli	SM 9223 SM 9223	A A	1	N/A N/A	P/A	10/26/16	10/27/16	1644314	



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717		, , , , , , , , , , , , , , , , , , ,							16J1987 D/26/16 15:50 D/28/16
25417 Pennsylvania Ave (S13-008 Zone:	: 1)	16J1987-0	97 (Water)		Sample Da	te: 10/26/16	8:00	Sampler: CH	3
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0.38		N/A	mg/L	10/26/16	10/26/16	1644280	
Cl Res Total (Field)	Field	1.1		N/A	mg/L	10/26/16	10/26/16	1644280	
pH (Field)	Field	8.12		N/A	pH Units	10/26/16	10/26/16	1644280	
Temperature (Field)	Field	21.7		N/A	°C	10/26/16	10/26/16	1644280	
Microbiology Analyses									
Total Coliform	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
E. Coli	SM 9223	А		N/A	P/A	10/26/16	10/27/16	1644314	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/26/16	10/28/16	1644393	HT-08
<u>General Chemical Analyses</u>									
Nitrate as N (NO3-N)	EPA 300.0	ND	0.40	10	mg/L	10/26/16	10/26/16	1644139	
2052 Down St (A Zames 1)		16.11987-0	8 (Water)		Sample Da	te: 10/26/16	7:05	Sampler: CH	2
2052 Dawn St (A Lone: 1)		1001/07/0	()		Sampic Da	10/20/10			,
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Analyte	Method		. ,	MCL				•	
Analyte Field Analyses	Method Field		. ,		Units			•	
Analyte Field Analyses Cl Res Free (Field)		Result	. ,	N/A	Units mg/L	Prepared	Analyzed	Batch	
2052 Dawn St (A Zone: 1) Analyte Field Analyses Cl Res Free (Field) Cl Res Total (Field) pH (Field)	Field	Result 0	. ,		Units	Prepared 10/26/16	Analyzed 10/26/16	Batch 1644280	
Analyte Field Analyses Cl Res Free (Field) Cl Res Total (Field)	Field Field	Result 0 2.01	. ,	N/A N/A	Units mg/L mg/L	Prepared 10/26/16 10/26/16	Analyzed 10/26/16 10/26/16	Batch 1644280 1644280	
Analyte Field Analyses Cl Res Free (Field) Cl Res Total (Field) pH (Field)	Field Field Field	0 2.01 8.13	. ,	N/A N/A N/A	Units mg/L mg/L pH Units	Prepared 10/26/16 10/26/16 10/26/16	Analyzed 10/26/16 10/26/16 10/26/16	Batch 1644280 1644280 1644280	
Analyte Field Analyses Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field)	Field Field Field	0 2.01 8.13	. ,	N/A N/A N/A	Units mg/L mg/L pH Units	Prepared 10/26/16 10/26/16 10/26/16	Analyzed 10/26/16 10/26/16 10/26/16	Batch 1644280 1644280 1644280	
Analyte <u>Field Analyses</u> Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u>	Field Field Field Field	0 2.01 8.13 23.3	. ,	N/A N/A N/A	Units mg/L mg/L pH Units °C	Prepared 10/26/16 10/26/16 10/26/16 10/26/16	Analyzed 10/26/16 10/26/16 10/26/16 10/26/16	Batch 1644280 1644280 1644280 1644280	
Analyte Field Analyses Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field) <u>Microbiology Analyses</u> Total Coliform	Field Field Field Field SM 9223	0 2.01 8.13 23.3 A	. ,	N/A N/A N/A N/A	Units mg/L mg/L pH Units °C P/A	Prepared 10/26/16 10/26/16 10/26/16 10/26/16	Analyzed 10/26/16 10/26/16 10/26/16 10/26/16 10/27/16	Batch 1644280 1644280 1644280 1644280 1644314	
Analyte Field Analyses Cl Res Free (Field) Cl Res Total (Field) pH (Field) Temperature (Field) Microbiology Analyses Total Coliform E. Coli	Field Field Field Field SM 9223 SM 9223	0 2.01 8.13 23.3 A A	Rep. Limit	N/A N/A N/A N/A	Units mg/L mg/L pH Units °C P/A P/A	Prepared 10/26/16 10/26/16 10/26/16 10/26/16 10/26/16	Analyzed 10/26/16 10/26/16 10/26/16 10/26/16 10/27/16 10/27/16	Batch 1644280 1644280 1644280 1644280 1644314	Qualifier

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	Clinical Laboratory of San Bernardino, Inc.	o, Inc.								8)2	5		Ŭ	Chain of Custody	
						-						<u>S</u>		(1987) (1987)	~
Client	City of Lomita	ŝ	System Number	mber					Ana	tvsis	Reat	Analysis Requested	1		
Address	24373 Walnut Avenue					2				-					
	Lomita, CA 91717				19100/3	2			,						
Phone #	(310) 325-9830			Destin	Destination Laboratory	ratory			Tot						
Fax#	(310) 325-3627			[X] CI	[X] Clinical Laboratory	ratory				Ge			Or		
Project	Standard Analysis			RWQ	RWQCB Compliance	ance							tho '		
Sab Project	Distribution Weekly - 4th Week October 2016				YES				orm/E	al Phys	HPC itrate	РН	T/ Ort		
Comments										sical			ho F		
Sampled by	CB				1088								•		
Date Time	Sample Idenkification	Matrix	Preserv	Type	Bottle #	Temp C	Free Chlorine	Total							
10/26/2016 9:0 CA.	1912 W. 259th St. (S13-001 Zone: 2)	DW	1,7	1D	1	21.8	01.	2.00	×		X	6.23			
10/26/2016 9:15 A.m		DW	1,7	1D	2	22.3	.26	2.17	×	×	-	6.24	-		
10/26/2016 7:254.m		DW	1,7	1D		216	-19	142	×	+	×	8.31			
10/26/2016 7:454.	7	DW	1,7	1D	4	21.0	202	1.95	×		x x	8.16			
10/26/2016 & 3 chm	2500 PCH (S-13-005 Zone: 2)	DW	1,7	1D	5	21.3	ô	2.04	x		x x	8.25			
10/26/2016 7: 40 A. m		DW	1,7	1D			. 19	2 .4	x	<u> </u>	X X	200			
10/26/2016 8:00 A.M	25417 Pc	DW	1,7	1D	۲ 2	21.7	• 38	1.10	x		X X	6.12			
10/26/2016 7:05	2052 Dawn St (A Zone: 1)	Μ	1,7	Ū	8	23.3	0	2.01	x		X X	8.13			
										_			_		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) (5) H2SO4 (6) Na ₂ SO3 (7) Cold (8) Other:	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO3 (4) NH4Cl (5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:			Matrix:]	0W-Drink	ing Water T	er, WW-Waste Water, SW-Storm Water, GW- Groun Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special	ste Wate itine, 2-R	r, SW-	Storn 3-Rei	Wate lacem	r, GW- G ent. 4-Sp	round	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, W-Well D-Dist. Type- 1-Routine, 2-Rebeat, 3-Replacement, 4-Special	
Relinquished By (Sign)	Ngn) , Print Nume / Company			Da	Date / Time			(Q	Rech	ed B	wed By (Sign)			
Carlos Robalilla Slan L	City of Lomita	I	10/26/2016	6 1.1	00'.				4		と	\int		J.WCER 1016	
- Andre	ASTO DUDDINGLO		10-26-11	e l	3:50			7	\mathcal{P}	+				AN CUSAL	
				Samp	Samples received: 🔀 On ice	ved: 🗸	On ic	8	Inta	ct (Custod	y seals	(XIntact () Custody seals Temp 10.5 () F (C	
Shipped Via	I Fed X I Golden State	[] Client	t [] Other	ther			-		Pag	Page_1_	of_1				
]



03 November 2016

Clinical Lab No.: 16J1612

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

Project Name:Standard AnalysisSub Project:CWPF 3rd Week OCT Sampling

Enclosed are the results of the analyses for samples received at the laboratory on 10/19/16. Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

tister

Stu Styles Client Services Manager



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717			Project: Star b Project: CW Manager: Mar	PF 3rd V	Veek OCT San	npling]	Work Order: 16J1612 Received: 10/19/16 16:00 Reported: 11/03/16		
Reservoir Influent Site #1		16J1612-0	1 (Water)		Sample Da	te: 10/19/16	9:30 S	ampler: D	М	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
pH (Field)	Field	7.47		N/A	pH Units	10/19/16	10/19/16	1644064		
Temperature (Field)	Field	21.5		N/A	°C	10/19/16	10/19/16	1644064		
Microbiology Analyses										
Total Coliform	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
E. Coli	SM 9223	А		N/A	P/A	10/19/16	10/20/16	1643307		
Plate Count	SM9215B	21	1	500	CFU/ml	10/19/16	10/21/16	1643424		
General Physical Analyses										
Apparent Color	SM 2120B	10.0	3.0	15	Color Units	10/19/16	10/19/16	1643328		
General Chemical Analyses										
Hardness, Total (as CaCO3)	Calculated	330	6.6	N/A	mg/L	10/25/16	10/25/16	[CALC]		
Total Filterable Residue/TDS	SM 2540C	720	5.0	1000	mg/L	10/26/16	10/31/16	1644212		
<u>Metals</u>										
Calcium (Ca)	EPA 200.7	87	1.0	N/A	mg/L	10/25/16	10/25/16	1644008		
Iron (Fe)	EPA 200.7	310	100	300	ug/L	10/27/16	10/27/16	1644218		
Magnesium (Mg)	EPA 200.7	28	1.0	N/A	mg/L	10/25/16	10/25/16	1644008		
Manganese (Mn)	EPA 200.7	150	20	50	ug/L	10/27/16	10/27/16	1644218		
Reservoir Effluent Site #6		16J1612-0	2 (Water)		Sample Da	te: 10/19/16	10:00 S	ampler: D	М	
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier	
Field Analyses										
Cl Res Total (Field)	Field	2.19		N/A	mg/L	10/19/16	10/19/16	1644064		
pH (Field)	Field	8.14		N/A	pH Units	10/19/16	10/19/16	1644064		
Temperature (Field)	Field	22.4		N/A	°C	10/19/16	10/19/16	1644064		
General Chemical Analyses										
Hardness, Total (as CaCO3)	Calculated	240	6.6	N/A	mg/L	10/25/16	10/25/16	[CALC]		
Total Filterable Residue/TDS	SM 2540C	540	5.0	1000	mg/L	10/26/16	10/31/16	1644212		
<u>Metals</u>										
Calcium (Ca)	EPA 200.7	58	1.0	N/A	mg/L	10/25/16	10/25/16	1644008		
Magnesium (Mg)	EPA 200.7	23	1.0	N/A	mg/L	10/25/16	10/25/16	1644008		

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc. EDT Transfer Confirmation 1



Work Order: 16J1612 Report Date: 11/03/2016 Analyzing Lab: Clinical Laboratory of San Bernardino, Inc. ELAP 1088

LOMITA-CITY, WATER DEPT.		User ID: 4TH	Sys	tem: 191	0073
WELL 05	Stat	tion No.: 1910073-0	003	Samp	oled: 161019 09:30
COLOR	Result: 10.0	Units: UNITS	Entry No.	: 00081	Analyzed: 161019
TOTAL HARDNESS (AS CACO3)	Result: 330	Units: MG/L	Entry No.	: 00900	Analyzed: 161025
CALCIUM	Result: 87	Units: MG/L	Entry No.	: 00916	Analyzed: 161025
MAGNESIUM	Result: 28	Units: MG/L	Entry No.	: 00927	Analyzed: 161025
IRON	Result: 310	Units: UG/L	Entry No.	: 01045	Analyzed: 161027
MANGANESE	Result: 150	Units: UG/L	Entry No.	: 01055	Analyzed: 161027
TOTAL DISSOLVED SOLIDS	Result: 720	Units: MG/L	Entry No.	: 70300	Analyzed: 161031

Printed: 11/03/2016 04:12:21 PM Results of 16J1612 FINAL WRITEON 1910073-003 Post Office Box 329 San Bernardino, CA 92402 (909) 825-7693 Fax (909) 825-7696 ELAP Number 1088



Certificate of Analysis

FINAL REPORT

Work Orders:	6J21016	Report Date:	11/03/2016
		Received Date:	10/21/2016
Project.	16J1612	Turnaround Time:	5 workdays
Toject.		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 10/21/16 with the Chain-of-Custody document. The samples were received in good condition, at 1.0 °C and on ice. All analyses met the method criteria except as noted in the case narrative or in the report with data qualifiers.

Sa Sa	Imple Results NELAP #E87847						
Sample:	Reservoir Influent Site #1/16J1612-01						
	6J21016-01 (Water)						
Analyte		Result	MRL	Units	Dil	Analyzed	Qualifier
Dissolved Gase	es in Water by RSK-175						
Method: RSK-175		Batch ID: W6K0217	Prepared: 10/31/	16 10:05			Analyst: _sub
Methane		3.8	0.0010	mg/l	1	10/31/16	S_AIR



Certificate of Analysis

FINAL REPORT

Notes and Definitions

ltem	Definition
S_AIR	Analysis subcontracted to Air Technology Laboratories, Inc., NELAP Certificate # E87847
ND	NOT DETECTED at or above the Method Reporting Limit (MRL). If Method Detection Limit (MDL) is reported, then ND means not detected at or above the MDL.
Dil	Dilution
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
% Rec	Percent Recovery
Source	Sample that was matrix spiked or duplicated.
/IDL	Method Detection Limit
/IRL	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
IR	Not Reportable
ΓIC	Tentatively Identified Compound (TIC) using mass spectrometry. The reported concentration is relative concentration based on the nearest internal standard. If the library search produces no matches at, or above 85%, the compound is reported as unknown.

Any remaining sample(s) will be disposed of one month from the final report date unless other arrangements are made in advance. An Absence of Total Coliform meets the drinking water standards as established by the California State Water Resources Control Board (SWRCB)

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

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

Not Certified Analyses Summary

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

U-State

Chris Samatmanakit For Brandon Gee Operations Manager/Senior PM



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

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

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

16J1612

6521016

SENDING LABORATORY:	RECEIVING 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	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-	
California EDT transfer those samples with PS Water Trax Upload Client:	S codes provided [] Yes [] No [] Yes [] No
Turn Around Time [] 10 Days [5 Days Subcontract Comments:	[] Other Days
Analysis	Comments
Sample ID: Reservoir Influent Site #1 / 16J1612-01	Sampled: 10/19/16 09:30 PS Code: 1910073-003 Water WTX ID:
Methane RSK175	Report in mg/L
Containers Supplied:	
0ml Amber Vial (C) 40ml Aml	ber Vial (D)
· · · · ·	
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	1.02
	1.02
BI My 10/2/116 Released By Date / Time	1.02



Client		City of Lomita	Sy	stem Nu	Imber		Ana	alysi	s Re	que	sted	I				
Address 24373 Walnut Avenue		1010072														
		Lomita, CA 91717	1910073							M	To					
Phone #		(310) 325-9830	Destination Laborat		n Laborato	ry					etha	tal				
Fax #		(310) 325-3627		[X] Clinica	I Laborato	гу]		otal		ine	Hai	BA			
Project		Standard Analysis	RWQCB Compliance			9] ₌ !	Manı	Diss	0	(Wa	Total Hardness	CIV	0		
Sub Project Comments Sampled by		CWPF 3rd Week OCT Sampling	No ELAP #				Iron	Manganese	Total Dissolved Solids	Color	Methane (Water) (RSK175)	ss (as CaCO3)	BACT/TC/HPC	Odor		
]		lids		ISK	Ca	n l			
		DM		1088					1		175	S				
Date	Time	Sample Idenitification	Matrix	Туре	Preserv	Total Chlorine									Comments / P.S. Codes	
10/19/2016	Ø 93Ø	Reservoir Influent Site #1	DW	1 W	HCL	NIA	X	X	X	X	x	x	X		TEMP 21,5 PH7,47	
10/19/2016	inde	Reservoir Influent Site #6	DW	1W	N/A	Z,19			X			X			TEMP 22.4 PH 8,14	
	1999															
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						L										
		S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI 12SO3 (7) Cold (8) Other:	-	Matrix:											Ground Water, A-Air ell D- Dist.	
tanananan bahah Perint		By (Sign) Print Name / Company			Date /]	ime		1	R	Cerre	ed B	y (Sig	zn)		Print Name / Company	
Daniel Mateik	all	City of Lomita	<u></u>	10/19/20	16	12:3	0	5	J.	X		M	~-	-	JUCONOLAS	B
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Comment		<i>jr</i> = ===== (Samples	recei		• •		-	· ·	∮.In		() Custody seals	
Comment								- T-	emp_	100	(A) F			

"Your Water and Wastewater Analysis Solution"