CITY OF LOMITA



Cypress Water Production Facility Monthly Status Report

October 2015

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CITY COUNCIL

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MARK WARONEK



ADMINISTRATION

STEPHEN BURRELL INTERIM CITY MANAGER

November 10, 2015

Mr. Paul Williams, P.E.
District Engineer – Hollywood District
State Water Resources Control Board – Division of Drinking Water
500 North Central Avenue, Suite 500
Glendale, CA 91203

<u>Subject: System No. 1910073 - Monthly Report for the Cypress Water Production Facility (CWPF) for the period of October 1 through October 31, 2015.</u>

Dear Mr. Williams,

In accordance with the Department of Public Health temporary approval letter dated March 15, 2013 and Permit Amendment No. 1910073, I am submitting the following report for the Cypress Water Production Facility operations for the month of October 2015.

If you should have any questions or concerns, please contact me at 310-325-7110 x124.

Sincerely,

Mark A. McAvoy, P.E.

Public Works Director/City Engineer

A. BACKGROUND

On March 15, 2013, the City of Lomita received conditional approval from the Department of Public Health (DPH) to distribute blended water from the Cypress Water Production Facility (CWPF) Well No. 5 to the City's customers.

The CWPF is an iron-manganese greensand filtration treatment system designed to remove primarily iron, manganese, and color. The CWPF was recently modified to enable aeration and blending with Metropolitan Water District (MWD) imported water to address the aesthetic secondary issues of Total Dissolved Solids (TDS), Hardness (as Calcium Carbonate), and Taste/Odor.

The CWPF came online on April 1, 2013. The first week of operations from April 1 to April 5, 2013 was utilized for conducting routine startup activities. The distribution of blended water to the City's residents began on April 5, 2013.

B. WELL PRODUCTION AND OPERATIONS

For the month of October 2015, the CWPF operated on a fill and draw cycle providing blended water with the reservoir level fluctuating with system demand. The Cypress Reservoir operated as follows: filled for 15 days, drew for 13 days and was isolated for 3 days. The Cypress Reservoir was used to free chlorinate Zone I of the City's distribution system for the month of October 2015.

The total production from Well No. 5 for the month was approximately 50.01 ac-ft (16,295,404 gallons) with a daily production of approximately 3.33 ac-ft. The total combined production from both MWD import water and Well No. 5 was approximately 96.87 ac-ft (31,562,395 gallons) for the month with a combined daily production of approximately 6.46 ac-ft.

The daily average flow from Well No. 5 was 810 gpm. The average flow from the Well was determined by taking an average of the daily reads provided on the Daily Monitoring logs used onsite. The blend ratio for this month was on average 52% Well water and 48% MWD water.

C. OPERATIONAL INTERRUPTIONS

The Cypress Reservoir supplied free chlorinated water to Zone I of the City's distribution system for the month of October 2015. Staff will switch back to supplying chloraminated in early November 2015. Routine and preventive maintenance was performed on various pieces of equipment as-needed.

D. SAMPLE LOCATIONS

Compliance monitoring is performed at the following sample locations: SP1, SP2, SP3, SP5, and SP6. The SP1 sample location is the raw well water sample location. The SP2 sample location is on the effluent side of the greensand filter (before ammonia injection or full chloramination). The SP3 sample location is downstream of the greensand filter after full chloramination and the static mixer before entering the reservoir. The SP5 sample location is

the reservoir effluent sample location before entering the distribution system. The SP6 sample location is the MWD source sample location before blending occurs.

E. WATER QUALITY MONITORING

All water quality monitoring analyses were performed by laboratories certified by the Department of Health's Environmental Laboratory Accreditation Branch (ELAB). The CWPF has been continuously monitored, maintained and inspected, per the CWPF Operations Monitoring and Maintenance Plan. A brief discussion of the laboratory and/or monitoring results is provided below. Refer to Appendix A for laboratory results.

E1. IRON, MANGANESE AND COLOR

See Table 1 below for a summary of the results for the compliance monitoring at the three sample locations SP1 through SP3. Color in the raw water (SP1) for the month was non detect. Iron concentration in the raw water (SP1) was below the MCL. Manganese concentration in the raw water (SP1) was also above the MCL. Iron and Manganese levels entering the reservoir (SP3) were non-detect, indicating the greensand filtration system remains highly effective. Other additional bacteriological laboratory samples collected included Total Coliform and Heterotrophic Plate Count (HPC) levels on the effluent side of the greensand filter (SP2) showing absent for both.

E2. FREE AND TOTAL CHLORINE RESIDUALS

Daily free chlorine residuals were monitored at SP2, SP3 and SP4. Daily total chlorine residuals were monitored at SP3 and SP5. Free chlorine and total chlorine residuals, at all respective sample points, were monitored using a combination of continuous chlorine analyzers and SCADA. See Table 2 below for a weekly summary of results. For the month of October, only free chlorine data was recorded as Zone I was strictly supplied with free chlorinated water.

E3. TOTAL DISSOLVED SOLIDS (TDS), ODOR, HARDNESS AND METHANE

See Table 3 below for a summary of the results for the monitoring of Total Dissolved Solids (TDS), Odor (as measured by the Threshold Odor No. - T.O.N.), Total Hardness as Calcium Carbonate, and Methane levels in water at three sample locations SP1, SP5 and SP6.

E3-1 TOTAL DISSOLVED SOLIDS (TDS)

The sampling results indicate the TDS levels of the effluent blended water to be on average 708 mg/L. The TDS level of the effluent water meets the City's Water Quality Objective/Goal of 500 to 750 mg/L. The sampling results indicate the TDS levels in the raw water and MWD water source to be 720 mg/L and 600 mg/L, respectively.

E3-2 HARDNESS

The sampling results for the month of October indicate the hardness levels of the blended water to be 280 mg/L. Although, this hardness level is in the upper range of the City's Water Quality Objective/Goal of 180 to 250 mg/L; staff continues to monitor hardness levels at the CWPF effluent (SP5) and within the water distribution system. The City has maintained a consistent blend ratio to ensure acceptable hardness levels are met.

Staff continues to use an orthophosphate/polyphosphate additive to sequester calcium hardness. Orthophosphate/Polyphosphate is a food grade National Sanitation Foundation (NSF 60) approved additive which decreases iron tuberculation, diminishes calcium scale deposits, minimizes corrosion, reduces discoloration, reduces staining and mineral build-up resulting in fewer customer complaints.

E3-3 DISSOLVED METHANE (IN WATER)

The methane levels in the CWPF effluent after aeration treatment remain negligible averaging 0.93 mg/L.

E3-4 METHANE (IN AIR)

The methane levels in the reservoir headspace are monitored daily by staff using a handheld device. These readings have consistently read non-detect to low concentrations for methane in air. Available methane hand held monitoring instruments can only detect levels of 1% Lower Explosive Limit (LEL) or greater. The handheld methane readings during the month were below the 50,000 ppm LEL. See attached methane log for the month of October 2015 in Appendix B.

E4. NITRIFICATION MONITORING

Daily Nitrification sampling was performed during the month of October. See Appendix C.

F. TABLES

Table 1. Monitoring Results for SP1, SP2, and SP3 Sample Locations.

		SP1, W	ell Raw	Water	Disch	arge		Pres		bined Filter nt	SP		r chlora er; rese			ic
Date, week of	Iron, ug/L	*MCL = 3 00 ug/L	Manganese, ug/L	*MCL = 50 ug/L	Color	*MCL=15	Total Coliform	Total Coliform	HPC, MPN/100mL	MCL=500	Iron, mg/L	*MCL = 300 ug/L	Manganese, mg/L	*MCL = 50 ug/L	Color	*MCL=15
10/8/2015											ND	300	ND	50	ND	15
10/14/2015	270	300	140	50	ND	15	Α	Α	А	500	ND	300	ND	50	ND	15
10/21/2015											ND	300	ND	50	ND	15
10/28/2015									Ter		ND	300	ND	50	ND	15

Notes: Monthly- Orange

Weekly- Yellow

A – Absent

ND - Non Detect

*Per the SWRCB Drinking Water "Chemicals and Contaminants in

Drinking Water" Regulations

Table 2. Monitoring Results for Free and Total Chlorine at SP2, SP3, SP4 and SP5 Sample Locations.

Data wook of	SP2	S	P3	SP4	SP5
Date, week of	Free CI	Free CI	Total CI	Free CI	Free CI
10/8/2015	10.00	11.44	X	3.96	2.88
10/14/2015	9.38	9.31	Х	4.34	2.05
10/21/2015	13.06	13.03	X	5.17	2.35
10/28/2015	8.21	8.36	X	3.11	1.82

*CWPF free chlorinated Zone I of the distribution system for the entire month of October.

Table 3. Monitoring Requirements and Frequencies for SP1, SP5, and SP6.

,		TE	S, mg/l		T.C	D.N.		rdness, mg/L		thane er), mg/L
Date, week of	SP1 - Raw Well Water	SP6 - MWD Water	SP5 - Reservoir Effluent	Goal= 500 - 750 mg/L	SP5 - Reservoir Effluent	MCL= 3	SP5 - Reservoir Effluent	Goal= 180 - 250 mg/L	SP1 - Raw Well Water	SP5 - Reservoir Effluent
10/8/2015			700	500-750						0.83
10/14/2015	720	600	700	500-750	1	3			4.6	0.95
10/21/2015			740	500-750						0.82
10/28/2015			690	500-750			280	180-250		1.1
Average			708							0.93

Weekly- Yellow

Notes: Monthly- <u>Orange</u> ppm – parts per million mg/L – milligram per liter

T.O.N. - Threshold Odor Number TDS - Total Dissolved Solids Hardness - As total CaCO3

Methane (Water) - Methane dissolved in water

APPENDIX A

LABORATORY RESULTS



04 November 2015 Clinical Lab No.: 15J2340

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

Project Name: Standard Analysis

Sub Project: CWPF Weekly Non-Comp Analysis

Enclosed are the results of the analyses for samples received at the laboratory on 10/28/15 . 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

testes



Lomita, City ofProject:Standard AnalysisWork Order:15J234024373 Walnut AvenueSub Project:CWPF Weekly Non-Comp AnalysisReceived:10/28/15 15:45Lomita CA, 91717Project Manager:Mark AndersenReported:11/04/15

Reservoir Effluent Site #5		15J2340-0	01 (Water)		Sample Da	ate: 10/28/1	5 12:30 S	Sampler:	Edward Duvivier
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Chemical Analyses									
Alkalinity, Total (as CaCO3)	SM 2320 B	230	5.0	N/A	mg/L	10/30/15	10/30/15	1544531	
Hardness, Total (as CaCO3)	Calculated	280	6.6	N/A	mg/L	11/02/15	11/02/15	[CALC]	
Metals									
Calcium (Ca)	EPA 200.7	72	1.0	N/A	mg/L	11/02/15	11/02/15	1545017	,
Magnesium (Mg)	EPA 200.7	25	1.0	N/A	mg/L	11/02/15	11/02/15	1545017	,
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	11/03/15	11/03/15	1545025	;
ND Analyte NOT DETECTED at o	r above the reporting limit	t							

 ϕ [ϕ | ϕ |

City of Lomita	24373 Walnut Avenue	Lomita, CA 91717	(310) 325-9830	(310) 325-3627	Standard Analysis	Sub Project CWPF Wooth, Non-Comm Analysis		Comments	Sampled by Edwar (), U. vier	Time Sample Idenitification	Raw Water Site #1	Filter Effluent Site #3	Reservoir Influent Site #4		1270 Reservoir Effluent Site #5	Zone #2 Site #6	,	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI (5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:	Relinquished By (Sign) Print Name / Company	MI Edwind Die UNE	City of Low	Comments: TAT J. M.C.C.N.	[] Fed X [] Golden State
S						hoie	cicl			Matrix	· DW	DW	DW		DW	MO		T	mpany	9	he	a slS	
System Number	10,		Destinati	[X] Clinic	срнь (Ш	•		Type	1W	1W	1W		<u>¥</u>	3		Matrix		10/28	10.2		l UPS
lumber	1910073	0 / 00	Destination Laboratory	[X] Clinical Laboratory	CDHP Compliance	No	ELAP#	000	1000	Presery Chlorine	N/A	N/A	N/A		I V/A	N/A		Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, Type-1-Routine. 2-Repeat. 3-Replacement. 4-Special	Date / Time	10:11 _5/16	4.5/818	Sample	Client Other
Anal			_	Tot											×			ter, WW-V			P 51	Samples received Ter	ther
Analysis Re		To						Solic Ca(is Co3)					-	×	-		Vaste Wa at. 3-Rei	1 July 1			ed.	
Requested								al as o as			•							ter, SW placemer	ceived 1		10	190 100	
ō						(Odo	r			_				_			Storm W	By (Sign)		1	\$ C	
	1			ga 10 (K17:	5)				-	×						1	Intact	}
										Comments / P.S. Codes								. WW-Waste Water, SW-Storm Water, GW- Ground Water, A-Air 2-Repeat. 3-Replacement. 4-Special W-Well D. Dist	Print Name / Company	THOUGH / CICR		() Custody seals	Page_1_ of_1_

"Your Water and Wastewater Analysis Solution"



05 November 2015 Clinical Lab No.: 15J2341

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

Project Name: Standard Analysis

Sub Project: CWPF Weekly Compliance Analysis

Enclosed are the results of the analyses for samples received at the laboratory on 10/28/15 . 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

testes



Lomita, City ofProject:Standard AnalysisWork Order:15J234124373 Walnut AvenueSub Project:CWPF Weekly Compliance AnalysisReceived:10/28/15 15:45Lomita CA, 91717Project Manager:Mark AndersenReported:11/05/15

Filter Effluent Site (Chloramine) #3		15J2341-0	1 (Water)		Sample Dat	te: 10/28/15	12:40 Sa	mpler: E	dward Duvivier
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Physical Analyses									
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/28/15	10/28/15	1544485	
<u>Metals</u>									
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	10/30/15	10/30/15	1544567	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	10/30/15	10/30/15	1544567	
Reservoir Effluent Site #5		15J2341-0	2 (Water)		Sample Dat	te: 10/28/15	12:38 Sa	mpler: E	dward Duvivier
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Chemical Analyses									
Total Filterable Residue/TDS	SM 2540C	690	5.0	1000	mg/L	11/02/15	11/03/15	1545014	
ND Analyte NOT DETECTED at or above	e the reporting limi	t							

EDT Transfer Confirmation 1



Entry No.: 00081 Analyzed: 151028

Work Order: 15J2341 Report Date: 11/05/2015

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

Result: ND

LOMITA-CITY, WATER DEPT.

User ID: 4TH

System: 1910073

WELL 05 TREATMENT PLANT EFFLUENT

Station No.: 1910073-006

Sampled: 151028 12:40

IRON Result: ND Units: UG/L Entry No.: 01045 Analyzed: 151030 MANGANESE Result: ND Units: UG/L Entry No.: 01055 Analyzed: 151030

Units: UNITS

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 11/05/15 13:25 Received Date: 10/29/15 12:50 Turnaround Time: 5 workdays

Phones: (909) 825-7693 **Fax:** (909) 825-7696

P.O. #:

Project: 15J2341

Attn: John Styles

Client: Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road Grand Terrace, CA 92313

Dear John Styles:

Enclosed are the results of analyses for samples received 10/29/2015 with the Chain of Custody document. The samples were received in good condition, at 4.9 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Lab ID: 5J29036-01	Sample I	ID: 1	15J2341-02	Reservoir	Effluent	Site #5			Ma	atrix: Water
Sampled by: Client	Sampled	l: 10/28/	15 12:38							
Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Methane	1.1		0.010	ma/l	1	RSK-175	11/3/15	11/3/15 18:03	W5K0211	



Certificate of Analysis

Quality Control Section

Dissolved Gases in Water by RSK-175 - Quality Control

Blank (W5K0211-BLK1)					Prepared: 11	/03/15 Ana	alyzed: 11/03	3/15 14:25	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		ND		mg/l					
LCS (W5K0211-BS1)					Prepared: 11,	/03/15 Ana	alyzed: 11/03	3/15 16:43	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.196		mg/l	0.198	99	85-115		
Calibration Check (W5K0211-CCV1)					Prepared: 11	/03/15 Ana	alyzed: 11/03	3/15 17:23	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.00740		mg/l	0.00792	93	0-200		
Calibration Check (W5K0211-CCV2)					Prepared: 11	/03/15 Ana	alyzed: 11/03	3/15 17:43	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.195		mg/l	0.198	98	0-200		
Duplicate (W5K0211-DUP1)	s	ource: 5J22049	-01		Prepared: 11,	/03/15 Ana	alyzed: 11/03	3/15 18:43	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
					•				

5J29036 Page 2 of 3





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

5J29036

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

15J2341

552a036

Oml Amber Vial (B) 40	nl Amber Vial (C)
ontainers Supplied:	
Methane RSK175	Report in mg/L
Sample ID: Reservoir Effluent Site #5 / 15J2341	Water WTX ID:
Analysis	Comments
Turn Around Time [] 10 Days [y] 5 I Subcontract Comments:	Days [] Other Days
	with PS codes provided [] Yes [] No ment ID only [] Yes [] No
Please email results to Project Manager: Stu St [] glaubig@clinical-lab.com [] ybarra@cl	inical-lab.com [√] styles@clinical-lab.com [] cole@clinical-lab.com
Project Manager: Stu Styles	
Fax: 909.825.7696	Fax: (626) 336-2634
Phone: 909.825.7693	Phone :(626) 336-2139
Grand Terrace, CA 92313	Industry, CA 91745
Clinical Laboratory of San Bernardino	Analytical & Environmental Svc 14859 E Clark Ave
711 1 1 1 1	Weck Lab, Analytical & Environmental

| Released By | Date / Time | Received By | Date / Time | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 10 29 15 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 12.50 | 1

 $\phi \mid \phi \mid 3$ Chain of Custody

1532341

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita	Ś	System Number	umber		Anal	Analysis		Requested	0			
Address	SS	24373 Walnut Avenue		Ş	10073					-	-	L		
		Lomita, CA 91717		ý	5/00151						-	Me	Me	
Phone #	#	(310) 325-9830	Q	estination	Destination Laboratory	ory						tha	thai	
Fax#		(310) 325-3627		X] Clinic	[X] Clinical Laboratory	οτγ]				ne (ne (
Project	ų.	Standard Analysis		CDWR (CDWR Compliance	6	-	Маг				WA	(AII	
Sub Project	oject	CWPF Weekly Compliance Analysis			YES ELAP#		ron	iganes	solved	us- To e- Ortl	Color	TER)	R) (AS	
Comments	ents			•				e				(RS	TM	
Sampled by	ed by	Edward Dulling			1088				-		 	SK17	D19	
Date	Time	Sample Idenitification	Matrix	Type	Preserv	Total Chlorine						75)	46)	Comments / P.S. Codes
		Raw Water Site #1	DW	1W	된				+			-		
		Raw Water Site #1	DW.	MΙ	N/A				-		<u> </u>	<u> </u>		W13-005
									-	<u> </u>				
51/62/01	1240	Filter Effluent Site (Chloramine) #3	MO	1W	N/A	!	×	X			×			E13-005A
								<u></u>	_			_		
											<u> </u>	_		
												igspace		
51/82/01	12.37	Reservoir Effluent Site #5	MQ	1W	N/A	1	<u> </u>		×		_			
51/22/0	12.38	Reservoir Effluent Site #5	ΜŒ	1W	нсг	ı			_	_	_	×		
							 				_	<u> </u>		
		Zone #2 Site #6	MQ	MΙ	N/A		-				_			
		•												
							\dashv		\dashv	-				
(5) H2SO4	H2S04 (6	(5) H2SO4 (6) Na2So3 (7) Cold (8) Other:		Matrix:	DW-Drink Type- 1	/-DrinkIng Water, V Type- 1-Routine, 2	MW-N -Repe	Vaste vat, 3-	<i>Wateı</i> Repla	, SW.	Storm nt, 4-S	Wate pecía	7. GW	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, A-Air Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D- Dist.
Relin	Relinquished By (Sign)	3y (Sign) Print, Name / Company	Ą		Date / Time		F	1	Refei	ived	By (Si	(Sign)		Print Name / Company
4		A Eduar Me Vivier		32/01	1-511	00,1			4	S	1)	\prod	10
X	4	City of Lomita		102	78187	3.45	1				1		_	Thung. S.
Comprents	ents:) s-maga/dx	Ž		\ <u>\</u>	Samples received:	eceiv	Temp.	X E	∖.ઇ.– ∖ક/ ૦		Zint F	ntact F 6	() Custody seals
Shipped Via	Via	[] Fed X [] Golden State	-	l SAN I	Client	[] Other							()	Page 1 of 1
														븳

"Your Water and Wastewater Analysis Solution"



05 November 2015 Clinical Lab No.: 15J1820

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

Project Name: Standard Analysis

Sub Project: CWPF Weekly Compliance Analysis

Enclosed are the results of the analyses for samples received at the laboratory on 10/21/15. 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

testes



Lomita, City ofProjectStandard AnalysisWork Order:15J182024373 Walnut AvenueSub Project:CWPF Weekly Compliance AnalysisReceived:10/21/15 16:00Lomita CA, 91717Project Manager:Mark AndersenReported:11/05/15

Filter Effluent Site (Chloramine) #3		15J1820-0	1 (Water)		Sample Dat	te: 10/21/15	8:58 S a	ampler: Ed	ward Duvivier
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Physical Analyses									
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/22/15	10/22/15	1543531	
<u>Metals</u>									
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	10/27/15	10/27/15	1544065	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	10/27/15	10/27/15	1544065	
Reservoir Effluent Site #5		15J1820-0	2 (Water)		Sample Dat	te: 10/21/15	9:25 S a	ampler: Ed	ward Duvivier
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Chemical Analyses									
Total Filterable Residue/TDS	SM 2540C	740	5.0	1000	mg/L	10/22/15	10/23/15	1543393	
ND Analyte NOT DETECTED at or above	e the reporting limi	t							

EDT Transfer Confirmation 1



Work Order: 15J1820 Report Date: 11/05/2015

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

System: 1910073 LOMITA-CITY, WATER DEPT. User ID: 4TH WELL 05 TREATMENT PLANT EFFLUENT Station No.: 1910073-006 Sampled: 151021 08:58 Units: UNITS Entry No.: 00081 Analyzed: 151022 Result: ND Entry No.: 01045 Analyzed: 151027 IRON Result: ND Units: UG/L MANGANESE Entry No.: 01055 Analyzed: 151027 Result: ND Units: UG/L



Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 11/05/15 11:34
Received Date: 10/22/15 12:22
Turnaround Time: 5 workdays

Phones: (909) 825-7693 **Fax:** (909) 825-7696

P.O. #:

Project: 15J1820

Attn: John Styles

Client: Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road Grand Terrace, CA 92313

Dear John Styles:

Enclosed are the results of analyses for samples received 10/22/2015 with the Chain of Custody document. The samples were received in good condition, at 2.1 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Lab ID: 5J22049-01	Sample	ID: F	Reservoir E	ffluent Site	#5 / 15	J1820-02			Ma	atrix: Water
Sampled by: Client	Sampled	i: 10/21/	15 09:25							
Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Methane	0.82		0.010	ma/l	1	RSK-175	11/3/15	11/3/15 18:23	W5K0211	





Certificate of Analysis

Quality Control Section

Dissolved Gases in Water by RSK-175 - Quality Control

Blank (W5K0211-BLK1)					Prepared: 11	/03/15 An	alyzed: 11/03	3/15 14:25	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		ND		mg/l					
LCS (W5K0211-BS1)					Prepared: 11	/03/15 An	alyzed: 11/03	3/15 16:43	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.196		mg/l	0.198	99	85-115		
Calibration Check (W5K0211-CCV1)					Prepared: 11	/03/15 An	alyzed: 11/03	3/15 17:23	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.00740		mg/l	0.00792	93	0-200		
Calibration Check (W5K0211-CCV2)					Prepared: 11	/03/15 An	alyzed: 11/03	3/15 17:43	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.195		mg/l	0.198	98	0-200		
Duplicate (W5K0211-DUP1)	S	ource: 5J22049	-01		Prepared: 11	/03/15 An	alyzed: 11/03	3/15 18:43	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane	0.819	0.835		mg/l				2	20

5J22049 Page 2 of 3



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

5J22049

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

15J1820

5522049

	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-l California EDT transfer those samples with PS Transfer File requested; log in with Element II Turn Around Time [] 10 Days [5 Days Subcontract Comments:	Only [] Yes [YNo
Analysis	Comments
Analysis Sample ID: Reservoir Effluent Site #5 / 15J1820-02	Comments Sampled: 10/21/15 09:25 PS Code: Water WTX ID:
	Sampled: 10/21/15 09:25 PS Code:
Sample ID: Reservoir Effluent Site #5 / 15J1820-02	Sampled: 10/21/15 09:25 PS Code: Water WTX ID:

(5)/820 6/9/3

Clinical Laboratory of San Bernardino, Inc.

						•								
Client		City of Lomita	Sy	stem A	System Number		Analysis		Requested	estec				
Address		24373 Walnut Avenue		6	0001		-		-				F	
		Lomita, CA 91717		7	1910073								Me	
Phone #	·	(310) 325-9830	Q	estinati	Destination Laboratory	torv							tha	
Fax#		(310) 325-3627		X] Clinic	[X] Clinical Laboratory	tory							ne i	
Project		Standard Analysis		CDWR	CDWR Compliance	, e					(<u></u>	4
Sub Project		CWPF Weekly Compliance Analysis			YES		ron	ngane	e- Or solve	us- T	Color	TER	R) (A	
Comments	-			ū	# 4								STM	
Sampled by	y Edwar	nal Onliver		_	1088			uus	· · · ·				I D19	
Date Tir	Time S	Sample Idenitification	Matrix	Туре	Preserv	Total							46)	Comments / P.S. Codes
		Raw Water Site #1	DW	1W	HCL				-			╁	+	W13-005
		Raw Water Site #1	DW	1W	N/A				_			-	>	W13-005
\neg	\dashv												\vdash	
3530 51/12/01	+	, Filter Effluent Site (Chloramine) #3	DW	1W	N/A	1	×	×			×			E13-005A
												\vdash		
													_	
W			DW	1W	N/A	1	-	 	×	_			\vdash	
1951/12 OSES		Reservoir Effluent Site #5 2	DW	MΙ	HCI,				-			×	1	
								-					-	
	•	Zone #2 Site #6	DW	1W	N/A									
	1													
Preservatives	(1) Na. S. O.	Preservatives: (1) Na.S.O. (2) HC! (2) UNO2 (1) NULC:		Matulia				-	_ ;					
(5) H2S	04 (6) Na2SO3	(5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:		Well IX.	Type- 1	V-Drinking Water, v Type- 1-Routine, 2-	WW-Was 2-Repeat,	aste v at, 3-R	Vater, eplace	SW-SI	4-Sp	Vater, (ecial V	0. -}/Ye	matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, A-Air Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D-Dist.
Ralinquis	Ralinquished By (Sign)	Print Name / Company	4		Date / Time	Time	-	1	Raceive	3	(Sign)	2		Print Name / Company
77		EXWA MILLA	1	1 Z /m	115	1323		\sqcup	Z					
		City of Lonita		',	12-12	0015			Contraction of the contraction o		_			
Comments))) ;	J.wang/ch	Ξ	5	31	Samples received:	eceiv	poj. T	Ō,	30		Intact	ر بر ا	Custody seals
Shipped Via		[] Fed X [] Golden State		l UPS	Client	Other							X	Page_1_ of_1_

"Your Water and Wastewater Analysis Solution"



22 October 2015 Clinical Lab No.: 15J1362

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 10/15/15 . 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

testes



Lomita, City ofProject:Standard AnalysisWork Order:15J136224373 Walnut AvenueSub Project:Monthly ComplianceReceived:10/15/15 15:50Lomita CA, 91717Project Manager:Mark AndersenReported:10/22/15

Filter Effluent Site (Total Chlorine) #3		15J1362-0	1 (Water)		Sample Date	10/15/15	8:25 S	ampler: Edward Duvivie
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch Qualifier
General Physical Analyses								
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/16/15	10/16/15	1542651
<u>Metals</u>								
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	10/20/15	10/20/15	1543157
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	10/20/15	10/20/15	1543157
Zone #2 Site #6		15J1362-0	2 (Water)		Sample Date	: 10/15/15	8:29 S	ampler: Edward Duvivie
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch Qualifier
General Chemical Analyses								
Total Filterable Residue/TDS	SM 2540C	600	5.0	1000	mg/L	10/20/15	10/20/15	1543016
ND Analyte NOT DETECTED at or above	the reporting limi	t						

EDT Transfer Confirmation 1



Work Order: 15J1362 Report Date: 10/22/2015

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

LOMITA-CITY, WATER DEPT.	U	Jser ID: 4TH	System: 191	0073
WELL 05 TREATMENT PLANT EFFLUENT	Station	n No.: 1910073-006	Samp	oled: 151015 08:25
COLOR	Result: ND Un	nits: UNITS Enti	ry No.: 00081	Analyzed: 151016
IRON	Result: ND Un	nits: UG/L Enti	ry No.: 01045	Analyzed: 151020
MANGANESE	Result: ND Un	nits: UG/L Enti	ry No.: 01055	Analyzed: 151020

Chain of Custody

Client	City of Lomita	Sy	stem N	System Number		Anal	Analysis Requested	Seque	sted			
Address	24373 Walnut Avenue		5	2700						-		
	Lomita, CA 91717		מ	1910013	_						М	
Phone #	(310) 325-9830	ā	estinatio	Destination Laboratory	tory	1	_		Н		eth	
Fax#	(310) 325-3627	2	() Clinic	[X] Clinical Laboratory	lory		Iro		eteti		ane —	
Project	Standard Analysis		WQCB	RWQCB Compllance	60		_	ota	ropl			
ري م م	Monthly Countinue			YES			E. C Ma		ic I	Col	ATI Ode	-
5	monthly computation		Ш	ELAP#					Plat			7/0/0
Comments	•		•	9		Solid	anese	rm	e Co		(RS	<u>.</u>
Sampled by	Educar Divier			1088			<u> </u>		unt		K175	
Date Time	Sample Identification	Matrix	Type	Preserv	Total Chlorine)	Comments / P.S. Codes
	Raw Water Site #1	S.	3	V/N				_		-		
	Raw Water Site #1	€.	3	2,7			 i		<u> </u>	+	<u> </u>	
	Raw Water Site #1	% 0.%	3	1,7			-				<u> </u>	
	Filter Effluent (Free Chlorine) Site#2	NG NG	W1	1,7								
5/3/15/10	Filter Effluent (Total Chlorine) Site#3	DW	1W	V/N	١		×			×		
19/15/KT C825	Zone #2 Site #6	DW	11)	N/A		×						
_												
	Reservoir Effluent Site #5	ΝG	£	N/N							_	
	Reservoir Effluent Site #5	» (I	£	2,7								
Preservatives: (1) Na ₂ S ₂ ((1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI		Matrix:	DW-Drink	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water,	WW-N	/aste V	/ater, §	W-Sto	rm Wa		GW- Ground Water, A-Air
(5) H2SO4 (6) Na2S	(5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:			Туре-	1-Routine,	2-Repe	at, 3-R	eplace	ment,	4-Spec	ial W.	Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D-Dist.
Relinquished By (Sign)	y (Sign) Print Name / Company	-		Date / '	Time			Received By (Sign)	d By	(Sign)		Print Name / Company
	= Edward Mylver		14/15	11/2	74	~	٤	2	7			CLSR
3	City of Lomita, CA		1/0/	51/5	7:50	o			9	9	1	Kr. Hwis, C.s.
Comments:	(1.7.15		_	x	Samples received: ()	eceive	d: (4 Temp	96n ice	ice	ダこ	Intact (() Custody seals
Shipped Via	Fed X Golden State	110.88]-	Client	Other	,					1	Page_1_of_1_

"Your Water and Wastewater Analysis Solution"



28 October 2015 Clinical Lab No.: 15J1292

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

Project Name: Standard Analysis

Sub Project: CWPF Monthly Compliance Analysis

Enclosed are the results of the analyses for samples received at the laboratory on 10/14/15 . 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

testes



Lomita, City ofProject:Standard AnalysisWork Order:15J129224373 Walnut AvenueSub Project:CWPF Monthly Compliance AnalysisReceived:10/14/15 15:15Lomita CA, 91717Project Manager:Mark AndersenReported:10/28/15

Raw Water Site #1		15J1292-0	1 (Water)		Sample Dat	te: 10/14/15	12:27	Sampler:	Not Listed
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	l Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	0		N/A	mg/L	10/14/15	10/14/15	1542547	
General Physical Analyses									
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/15/15	10/15/15	1542650	
General Chemical Analyses									
Total Filterable Residue/TDS	SM 2540C	720	5.0	1000	mg/L	10/20/15	10/20/15	1543016	
<u>Metals</u>									
Iron (Fe)	EPA 200.7	270	100	300	ug/L	10/20/15	10/20/15	1543157	
Manganese (Mn)	EPA 200.7	140	20	50	ug/L	10/20/15	10/20/15	1543157	
Filter Effluent Site #2		15J1292-0	2 (Water)		Sample Dat	te: 10/14/15	11:24	Sampler:	Not Listed
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	l Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	2.56		N/A	mg/L	10/14/15	10/14/15	1542547	
Microbiology Analyses									
Total Coliform	SM 9223	A		N/A	P/A	10/14/15	10/15/15	1542504	
E. Coli	SM 9223	A		N/A	P/A	10/14/15	10/15/15	1542504	
Plate Count	SM9215B	8	1	500	CFU/ml	10/14/15	10/16/15	1542635	
Reservoir Effluent Site #5		15J1292-0	3 (Water)		Sample Dat	te: 10/14/15	11:51	Sampler:	Not Listed
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	l Batch	Qualifier
General Physical Analyses									
Odor Threshold	EPA 140.1M	1	1	3	TON	10/14/15	10/14/15	1542649	
General Chemical Analyses									
Total Filterable Residue/TDS	SM 2540C	700	5.0	1000	mg/L	10/20/15	10/20/15	1543016	
Raw Water Site #1		15J1292-0	4 (Water)		Sample Dat	te: 10/14/15	12:26	Sampler:	Not Listed
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	l Batch	Qualifier
Microbiology Analyses									
Microbiology Analyses Total Coliform	SM 9223	A		N/A	P/A	10/14/15	10/15/15	1542504	



Lomita, City ofProject:Standard AnalysisWork Order:15J129224373 Walnut AvenueSub Project:CWPF Monthly Compliance AnalysisReceived:10/14/15 15:15Lomita CA, 91717Project Manager:Mark AndersenReported:10/28/15

ND Analyte NOT DETECTED at or above the reporting limit

EDT Transfer Confirmation 1



Work Order: 15J1292 Report Date: 10/28/2015

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

System: 1910073 LOMITA-CITY, WATER DEPT. User ID: 4TH Station No.: 1910073-003 Sampled: 151014 12:27 WELL 05 COLOR Units: UNITS Entry No.: 00081 Analyzed: 151015 Result: ND IRON Result: 270 Units: UG/L Entry No.: 01045 Analyzed: 151020 Entry No.: 01055 Analyzed: 151020 MANGANESE Result: 140 Units: UG/L TOTAL DISSOLVED SOLIDS Result: 720 Units: MG/L Entry No.: 70300 Analyzed: 151020

Printed: 10/28/2015 01:24:48 PM Results of 15J1292 FINAL WRITEON 1910073-003



Certificate of Analysis

Report Date: 10/22/15 17:49 Received Date: 10/16/15 10:40 Turnaround Time: 5 workdays

> Phones: (909) 825-7693 Fax: (909) 825-7696

P.O. #:

Project: 15J1292

Attn: John Styles

Client: Clinical Laboratory of San Bernardino, Inc.

21881 Barton Road Grand Terrace, CA 92313

Dear John Styles:

Enclosed are the results of analyses for samples received 10/16/2015 with the Chain of Custody document. The samples were received in good condition, at 4.5 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Lab ID: 5J16031-01 Sampled by: Client	Sample ID: Sampled: 1			#1/ 15J129:	2-01				Ма	trix: Water
Analyte	Result I	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Methane	4.6		0.050	mg/l	5	RSK-175	10/19/15	10/19/15 15:28	W5J1008	
Lab ID: 5J16031-02	Sample ID:	R	Reservoir E	ffluont Site	#5/ 15 I	1202.02			Ma	1
	•			inuent Site	<i>π</i> οι 100	1232-03			IVIC	trix: Water
Sampled by: Client	Sampled: 1	10/14/1	5 11:51	inuent Site	. #3/ 130	1292-03			IVIC	trix: vvater
Sampled by: Client Analyte	•	10/14/1 MDL	5 11:51 MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier



Analytical Laboratory Service - Since 1964

Certificate of Analysis

Quality Control Section

Dissolved Gases in Water by RSK-175 - Quality Control

Blank (W5J1008-BLK1)					Prepared: 10/	19/15 Ana	alyzed: 10/19	9/15 14:09	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		ND		mg/l					
LCS (W5J1008-BS1)					Prepared: 10/	19/15 Ana	alyzed: 10/19	9/15 14:48	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.190		mg/l	0.198	96	85-115		
Calibration Check (W5J1008-CCV1)					Prepared: 10/	19/15 Ana	alyzed: 10/19	9/15 14:29	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.00930		mg/l	0.00792	117	0-200		
Calibration Check (W5J1008-CCV2)					Prepared: 10/	19/15 Ana	alyzed: 10/19	9/15 16:59	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.209		mg/l	0.198	106	0-200		
Duplicate (W5J1008-DUP1)	S	ource: 5J16031	-02		Prepared: 10/	19/15 Ana	alyzed: 10/19	9/15 16:39	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
· · · · · · · · · · · · · · · · · · ·				•				•	



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

5J16031

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

15J1292

5516031 5516030AH

<u>SENDING LABORATORY:</u>	RECEIVING LABORATURY:
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: S [] glaubig@clinical-lab.com [] ybarr California EDT transfer those sam Transfer File requested; log in with	@clinical-lab.com [styles@clinical-lab.com [] cole@clinical-lab.com les with PS codes provided [] Yes [No
Turn Around Time [] 10 Days [Subcontract Comments:	5 Days [] Other Days
Analysis	Comments
Analysis Sample ID: Raw Water Site #1 / 15J1292-0	Sampled: 10/14/15 12:27 PS Code: 1910073-003 Water WTX ID:
	Sampled: 10/14/15 12:27 PS Code: 1910073-003
Sample ID: Raw Water Site #1 / 15J1292-0	Sampled: 10/14/15 12:27 PS Code: 1910073-003 Water WTX ID:
Sample ID: Raw Water Site #1 / 15J1292-0 Methane RSK175	Sampled: 10/14/15 12:27 PS Code: 1910073-003 Water WTX ID:
Sample ID: Raw Water Site #1 / 15J1292-0 Methane RSK175 Containers Supplied:	Sampled: 10/14/15 12:27 PS Code: 1910073-003 Water WTX ID: Report in mg/L 40mL Amber Vial w/ Na2S2O3 (C)
Sample ID: Raw Water Site #1 / 15J1292-0 Methane RSK175 Containers Supplied: 40mL Amber Vial w/ Na2S2O3 (B)	Sampled: 10/14/15 12:27 PS Code: 1910073-003 Water WTX ID: Report in mg/L 40mL Amber Vial w/ Na2S2O3 (C) 292-03 Sampled: 10/14/15 11:51 PS Code:
Sample ID: Raw Water Site #1 / 15J1292-0 Methane RSK175 Containers Supplied: 40mL Amber Vial w/ Na2S2O3 (B) Sample ID: Reservoir Effluent Site #5 / 15.	Sampled: 10/14/15 12:27 PS Code: 1910073-003 Water WTX ID: Report in mg/L 40mL Amber Vial w/ Na2S2O3 (C) 292-03 Sampled: 10/14/15 11:51 PS Code: Water WTX ID:

| 10/16/15 07:45 | Received By | Date / Time | Received By | Date / Time | Date / Time | U-16-15 | U-16-15

2/11/6

Chain of Custody

2821581

Clinical Laboratory of San Bernardino, Inc.

Client	City of Lomita	Sys	System Number	umber		Analysis		Requested	Pe					Γ
Address.	24373 Walnut Avenue		7	0070				ig	\vdash			-		T
	Lomita, CA 91717		200	19100151	<u>~</u>					Me		He		
Phone #	(310) 325-9830	ă	estinatio	Destination Laboratory	itory					tha		te		
Fax#	(310) 325-3627		KJ Clinica	[X] Clinical Laboratory	tory			oti	<u></u>	ne ((<u>)</u>	∵	:
Project	Standard Analysis		CDWR C	CDWR Compliance	, es					WA) <u> </u>	<u>uzi</u> Ngh	<u>\(\frac{1}{2} \) \(\frac{1}{2} \)</u>	
Sub Project	CWPF M AM Compliance Analysis			YES		igane Iron	solve	Ю1. Со	Color	TER	ic 8	<u>ر ۲</u>	\	
Comments			1	ELAP #		ese				(R	R	late		
Sampled by			Ŧ	1088	77. 89			m		SK1		Co		
Date Time	Sample Idenitification	Matrix	Type	Preserv	Forat Chlorine					75)	<u>-,</u>	8	Comments / P.S. Codes	
y	Raw Water Site #1	وگ	1 W	HCL	6,00					×	 	1		Т-
7	Raw Water Site	Ś	I.W	N/A	0.00	×	×	<u> </u>	X			-		Т
되	Filter ELL Lant S. 1242	ρĸ	3	1,7	2.56			×				X		1
THE TEST	Litter-Efficent Site (Chioremino) #3		*	NAA.	46.00	*			*			-		Τ
10/A/A	GW Had Sile #3	2	M	17	0.50							 	大きが	
												 		<u>/</u>
								_						<u> </u>
5411 1/4/61	Reservoir Effluent Site #5	DW	ē	N/A			×		_					Ī
1311/2/12/	Reservoir Effluent Site #5	DW	4	HCI,				_		×				
10/4/10 150	Reservoir ESSINGAL SINEAS	Div	٥	MA							X	┞		T
	Zone #2 - Site #6	₩ (†	4	N/A.			X					T	Not Lka Elwan	7
10/11/6 226	D. J. L. C. T. H.							_	-					\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\
	Nan male 2 let							ヘメ						T
Preservatives: (1) (5) H2SO4 (6)	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI (5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:		Matrix:	DW-Drini Type-	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, Type-1-Routine, 2-Reneat 3-Renlarement 4-Special	WW-Wast	e Wate	er, SW-	Storm	Wate		Grou	GW- Ground Water, A-Air	1
Relinquished By (Sign)	By (Sign) Print Name / Company	y.		Date / Time	Time		Rec	dived		Sign)		$\frac{1}{2}$	Print Name / Company	
9N NO	FKWACK ANVE		11/01	51/1	1521	Z Z	H	R	1			1	12/000/11/	S.
	City of Lomita		10-14	7.	13.15	21		TA A	7	X		يح {	Mes. Geo.	7
Comments	JACONO/CLS/S	Δ	•		Samples	amples received:	X	On ice	7	Int	ntact () Custody scals	I .
Shipped Via	Fed X Golden State	-	l VPS	Client	10ther		dillo	į	#		Ž	ر 2 م	Page 1 of 1	
				-								2		7

"Your Water and Wastewater Analysis Solution"



22 October 2015 Clinical Lab No.: 15J0763

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

Project Name: Standard Analysis

Sub Project: CWPF Weekly Compliance Analysis

Enclosed are the results of the analyses for samples received at the laboratory on 10/08/15 . 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

testes



Lomita, City ofProject:Standard AnalysisWork Order:15J076324373 Walnut AvenueSub Project:CWPF Weekly Compliance AnalysisReceived:10/08/15 15:50Lomita CA, 91717Project Manager:Mark AndersenReported:10/22/15

Filter Effluent Site (Chloramine) #3		15J0763-0	1 (Water)		Sample Dat	te: 10/08/15	11:38 Sa	mpler: Ed	dward Duvivier
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Physical Analyses									
Apparent Color	SM 2120B	ND	3.0	15	Color Units	10/08/15	10/08/15	1541588	
<u>Metals</u>									
Iron (Fe)	EPA 200.7	ND	100	300	ug/L	10/12/15	10/12/15	1542048	
Manganese (Mn)	EPA 200.7	ND	20	50	ug/L	10/12/15	10/12/15	1542048	
Reservoir Effluent Site #5		15J0763-0	2 (Water)		Sample Dat	te: 10/08/15	11:25 Sa	mpler: Ed	dward Duvivier
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
General Chemical Analyses									
Total Filterable Residue/TDS	SM 2540C	700	5.0	1000	mg/L	10/12/15	10/14/15	1542043	
ND Analyte NOT DETECTED at or above	the reporting limi	t							

Analytical Laboratory Service - Since 1964

Certificate of Analysis

Report Date: 10/21/15 09:00 Received Date: 10/09/15 10:17 Turnaround Time: 5 workdays

Phones: (909) 825-7693 **Fax:** (909) 825-7696

P.O. #:

Attn: John Styles

Project: 15J0763

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 10/9/2015 with the Chain of Custody document. The samples were received in good condition, at 2.9 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Lab ID: 5J09029-01	Sample	ID: I	Reservoir E	ffluent/ 15	J0763-02				Ma	atrix: Water
Sampled by: Client	Sampled	d: 10/08/	15 11:25							
Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Methane	0.83		0.010	mg/l	1	RSK-175	10/20/15	10/20/15 16:51	W5J1008	



Certificate of Analysis

Quality Control Section

Dissolved Gases in Water by RSK-175 - Quality Control

Blank (W5J1008-BLK1)					Prepared: 10/	/19/15 An	alyzed: 10/19	9/15 14:09	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		ND		mg/l					
LCS (W5J1008-BS1)					Prepared: 10/	/19/15 An	alyzed: 10/19	9/15 14:48	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.190		mg/l	0.198	96	85-115		
Calibration Check (W5J1008-CCV1)					Prepared: 10/	/19/15 An	alyzed: 10/19	9/15 14:29	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.00930		mg/l	0.00792	117	0-200		
Calibration Check (W5J1008-CCV2)					Prepared: 10/	/19/15 An	alyzed: 10/19	9/15 16:59	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Methane		0.209		mg/l	0.198	106	0-200		
Duplicate (W5J1008-DUP1)	s	ource: 5J16031	-02		Prepared: 10/	/19/15 An	alyzed: 10/19	9/15 16:39	
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
-									

5J09029 Page 2 of 3





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

5J09029

SUBCONTRACT ORDER

Clinical Laboratory of San Bernardino

15J0763

5509029

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 Transfer File requested; log in with Elemen	
Turn Around Time [] 10 Days [\$\sqrt{5}\$ Days Subcontract Comments:	[] Other Days
Analysis	Comments
Sample ID: Reservoir Effluent / 15J0763-02	Sampled: 10/08/15 11:25 PS Code: Water WTX ID:
Methane RSK175	Report in mg/L
Methane RSK175 Containers Supplied:	

Released By Date / Time Received By Date / Time Date / Time

Released By Date / Time Received By Date / Time

Date / Time Date / Time

Date / Time

(5)07(p3) Chain of Custody

Clinical Laboratory of San Bernardino, Inc.

	City of Lomita	Syster	System Number	her	An	alvei	S Do	Analysis Reminested	-				
1	24373 Walnut Avenue								<u>.</u> -				
	Lomita, CA 91717		1910073	0/3						Me	Me		
	(310) 325-9830	Destii	nation L	Destination Laboratory			To			tha	thai	7/0/0	
	(310) 325-3627	X X	linical L	Clinical Laboratory		I	tal			ne (ne (
	Standard Analysis	CD	WR Con	CDWR Compliance	I	Man	Dis	hori hate		WA	ΑΠ	Transition (Control of Control of	
	CWPF Wooth Commission Assista		YES	6	ron	ıgaı	solv		Colo	TE	R) (A		
	CVI I Weekly Compliance Analysis		ELAP#	#0	Γ	iese	ed			R)	AS		
_					Ī	:	Soli			(RS	ſΜ		
1 1	Edward Milivier		1088	<u></u>			ds			SK17	D194		Ģ
Time	Sample Idenitification	Matrix Ty	Type P	Preserv Total	ie el	.			 -	75)	46)	Comments / P.S. Codes	
- 1	Raw Water Site #1	DW 1	1W	HCL					-			W13-005	
	Raw Water Site #1	DW 1	I.W	N/A					_			W13-005	
1138	Filter Effluent Site (Chloramine) #3	DW 1	I.W	N/A	×	×			×			E13-005A ~ 1 Hr. After Ban	7000
													ر ا
									-				
									\vdash				
128	Reservoir Effluent Site #5	DW 1	WI	N/A			×	┞					
1	Reservoir Effluent Site #5 2	DW 1	I W	HCL				ļ	-	×			
								-					
	Zone #2 Site #6	DW I	I.W	N/A					-				
									-				
	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI (5) H2SO4 (6) Na ₂ SO3 (7) Cold (8) Other:	Ma	trix: DM	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground W. Type- 1-Routine. 2-Repeat. 3-Replacement 4-Special W-Well D. Dist	iter, WW ine. 2-Re	-Wast peat.	te Wat 3-Rep	er, SW-	Storm	Water		GW- Ground Water, A-Air W-Well D. Dist	
p	Relipquished By (Sign) Print Name / Gompany			Date / Time		L	Rec	Received By	By (Si	(Sign)		Print Name / Comnany	
V	- ELwark Milline	1/6	18/		9		Z	0				7/ CR	
Te	City of Lomita			2 5	0				V				
Comments:	2570	21	16/	Samp	Samples received:	ived:	di. di	on is	13	Antact	act	Custody seals	
	Fed X Golden State	I I UPS	<u> </u> =	[] Client [] 0	Other	-		0			2	Page 1 of 1	
İ													

"Your Water and Wastewater Analysis Solution"

APPENDIX B

METHANE MONITORING LOG



CITY OF LOMITA PUBLIC WORKS DEPARTMENT

CYPRESS WATER PRODUCTION FACILITY HANDHELD METHANE LOG READINGS

			Oct	tober 2015		
DATE	TIME		METHA	NE HANDHEL	D	COMMENTS
10/1/2015	12:00 PM	CH4-	3%	Оху-	20.2%	
10/2/2015	1:50 PM	CH4-	1%	Оху-	20.3%	
10/3/2015						
10/4/2015						
10/5/2015	2:30 PM	CH4-	0%	Оху-	20.9%	
10/6/2015	12:30 PM	CH4-	0%	Оху-	20.8%	
10/7/2015	11:45 AM	CH4-	0%	Оху-	20.8%	
10/8/2015	4:00 PM	CH4-	0%	Оху-	20.7%	
10/9/2015						
10/10/2015						
10/11/2015						
10/12/2015						
10/13/2015	2:30 PM	CH4-	0%	Оху-	20.5%	
10/14/2015	4:45 PM	CH4-	0%	Оху-	20.9%	
10/15/2015	2:30 PM	CH4-	0%	Оху-	20.6%	
10/16/2015	2:30 PM	CH4-	0%	Оху-	20.6%	
10/17/2015						
10/18/2015						
10/19/2015	7:00 AM	CH4-	0%	Оху-	20.8%	
10/20/2015	3:10 PM	CH4-	0%	Оху-	20.8%	
10/21/2015	3:30 PM	CH4-	0%	Оху-	20.8%	
10/22/2015	3:30 PM	CH4-	0%	Оху-	20.9%	
10/23/2015						
10/24/2015						
10/25/2015						
10/26/2015	12:00 PM	CH4-	0%	Оху-	20.9%	
10/27/2015	3:00 PM	CH4-	0%	Оху-	20.9%	
10/28/2015	3:15 PM	CH4-	0%	Оху-	20.9%	
10/29/2015	3:00 PM	CH4-	0%	Оху-	20.9%	
10/30/2015	11:00 AM	CH4-	0%	Оху-	20.9%	
10/31/2015						
10 11 0 1						

ND- Non Detect

CH4- Methane

Oxy- Oxygen

Weekend/Day Off/Holiday- Red

APPENDIX C

NITRIFICATION MONITORING DATA SUMMARY

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073

Month, Year: 10/30/2015

ctions/Others										
Comments/Corrective Actions/Others		Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	MET ONLY (Zone 2)	MET ONLY (Zone 3)	MET ONLY (Zone 2)	
ЬН		7.4	7.4	7.4	7.5	7.4	7.4	7.4	7.3	
Nitrite	mg/L	0.004	0.003	0.002	0.002	0.002	0.006	0.004	0.003	
Total Ammonia	mg/L	0.00	0.00	0.00	0.00	0.00	0.49	0.46	0.45	
Free	mg/L	1.70	1.90	2.10	1.40	1.89	0.41	0.37	0.46	
Combined	mg/L	0.00	0.00	0.00	0.00	0.00	2.10	2.50	2.50	
Temp	ပ္	23	23	23	23	23	26	25	24	
Collection	am/pm	~0635Hrs	~0700Hrs	~0730Hrs	~0610Hrs	~0820Hrs	~0900Hrs	~0840Hrs	~0820Hrs	
Sample Date	MM/DD/YYYY	10/30/2015	10/30/2015	10/30/2015	10/30/2015	10/30/2015	10/30/2015	10/30/2015	10/30/2015	
Location		1948 W. 252 nd St	24632 S Moon Av	25417 Pennsylvania Av	2052 Dawn St	Reservoir	1912 W. 259 th PI	26314 S Monte Vta.	2500 PCH	Notes: 2C for Sample Code; Z for Zone.
Sample I.D	Units→	S13-003	S13-004	S13-008	A		13-1	13-2	13-5	2C for Samp
ာ့ သ	Unit	۵	Ω	O	۵	۵	٥	۵	8 D	setc:
#		~	2	n	4	5	9	7	00	ž

This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.

portion, can either be a Well/MET water blend and/or supplied by MET water only. Zone 1 can be supplied by 3 separate connections, West Basin 7 & 8 (MET only) or by the Cypress Reservoir (Well/MET Blend only) or a combination of connections thereof. Zone 2 is MET water supplied via Appian Way ² Zones are broken into 3 groups. They indicate a portion of the city's water mains, separated based on hydraulic grade. Currently Zone 1, the lower Pumping Station. Zone 3 is MET water supplied via Harbor Hills Reservoir, which is supplied via Appian Way Pumping Station.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/29/2015

		LD Campie	Location	Sample	Collection	dwel	Chlorine	rree Chlorine	lotal Ammonia	Nitrite	E.	Comments/Corrective Actions/Others
	S	Units→		MM/DD/YYYY	am/pm	ာ့	mg/L	mg/L	mg/L	mg/L		
-	۵	S13-003	1948 W. 252 nd St	10/29/2015	~0700Hrs	24	0.00	1.60	00.00	0.005	9.7	Well/MET Blend (Zone 1)
7	٥	\$13-004	24632 S Moon Av	10/29/2015	~00730Hrs	23	0.00	1.80	0.00	900'0	9.7	Well/MET Blend (Zone 1)
ю	Ω	S13-008	25417 Pennsylvania Av	10/29/2015	~0750Hrs	23	00.00	1.90	0.00	0.003	7.6	Well/MET Blend (Zone 1)
4	٥	٨	2052 Dawn St	10/29/2015	~0640Hrs	23	0.00	1.60	00.00	900.0	9.7	Well/MET Blend (Zone 1)
Ŋ	٥		Reservoir	10/29/2015	~1345Hrs	24	0.00	1.63	00.00	0.004	7.8	Well/MET Blend (Zone 1)
9	۵	13-1	1912 W. 259 th PI	10/29/2015	~0900Hrs	23	2.70	0.38	0.42	0.004	7.7	MET ONLY (Zone 2)
7	۵	13-2	26314 S Monte Vta.	10/29/2015	~0840Hrs	23	2.10	0.40	0.44	0.013	7.7	MET ONLY (Zone 3)
ω	8 D	13-5	2500 PCH	10/29/2015	~0820Hrs	23	2.60	0.45	0.46	90000	1.7	MET ONLY (Zone 2)

'This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following

portion, can either be a Well/MET water blend and/or supplied by MET water only. Zone 1 can be supplied by 3 separate connections, West Basin 7 & 8 (MET only) or by the Cypress Reservoir (Well/MET Blend only) or a combination of connections thereof. Zone 2 is MET water supplied via Appian Way 2 Zones are broken into 3 groups. They indicate a portion of the city's water mains, separated based on hydraulic grade. Currently Zone 1, the lower Pumping Station. Zone 3 is MET water supplied via Harbor Hills Reservoir, which is supplied via Appian Way Pumping Station.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/28/2015

Sample I.D		Location	Sample Date	Collection Time	Temp	Combined	Free Chlorine	Total Ammonia	Nitrite	H	Comments/Corrective Actions/Others
Units→			MM/DD/YYYY	am/pm	o,	mg/L	mg/L	mg/L	mg/L		
S13-003 1	-	1948 W. 252 nd St	10/28/2015	~0745Hrs	24	0.00	1.44	0.00	0.002	7.7	Well/MET Blend (Zone 1)
S13-004 2		24632 S Moon Av	10/28/2015	~0930Hrs	25	0.00	1.51	0.00	0.002	7.7	Well/MET Blend (Zone 1)
313-008 2 A	NA	S13-008 25417 Pennsylvania Av	10/28/2015	~0800Hrs	24	0.00	1.49	0.00	0.004	7.7	Well/MET Blend (Zone 1)
A 2	2	2052 Dawn St	10/28/2015	~0730Hrs	24	00.00	1.40	0.00	900'0	7.7	Well/MET Blend (Zone 1)
· E	ш	Reservoir	10/28/2015	~0950Hrs	24	0.00	1.8	0.00	0.003	7.7	Well/MET Blend (Zone 1)
13-1	_	1912 W. 259 th PI	10/28/2015	~0820Hrs	24	2.1	0.45	0.46	900.0	7.7	MET ONLY (Zone 2)
13-2 2	N	26314 S Monte Vta.	10/28/2015	~0835Hrs	25	2.1	0.37	0.48	0.007	1.7	MET ONLY (Zone 3)
13-5	2	2500 PCH	10/28/2015	~0910Hrs	25	1.91	0.52	0.46	900'0	7.7	MET ONLY (Zone 2)
for Sample	ple	Notes: 2C for Sample Code; Z for Zone.									

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portion, can either be a Well/MET water blend and/or supplied by MET water only. Zone 1 can be supplied by 3 separate connections, West Basin 7 & 8 (MET only) or by the Cypress Reservoir (Well/MET Blend only) or a combination of connections thereof. Zone 2 is MET water supplied via Appian Way ² Zones are broken into 3 groups. They indicate a portion of the city's water mains, separated based on hydraulic grade. Currently Zone 1, the lower Pumping Station. Zone 3 is MET water supplied via Harbor Hills Reservoir, which is supplied via Appian Way Pumping Station.

NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/27/2015

'This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.

portion, can either be a Well/MET water blend and/or supplied by MET water only. Zone 1 can be supplied by 3 separate connections, West Basin 7 & 8 (MET only) or by the Cypress Reservoir (Well/MET Blend only) or a combination of connections thereof. Zone 2 is MET water supplied via Appian Way ² Zones are broken into 3 groups. They indicate a portion of the city's water mains, separated based on hydraulic grade. Currently Zone 1, the lower Pumping Station. Zone 3 is MET water supplied via Harbor Hills Reservoir, which is supplied via Appian Way Pumping Station.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/26/2015

'This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.

portion, can either be a Well/MET water blend and/or supplied by MET water only. Zone 1 can be supplied by 3 separate connections, West Basin 7 & 8 (MET only) or by the Cypress Reservoir (Well/MET Blend only) or a combination of connections thereof. Zone 2 is MET water supplied via Appian Way ² Zones are broken into 3 groups. They indicate a portion of the city's water mains, separated based on hydraulic grade. Currently Zone 1, the lower Pumping Station. Zone 3 is MET water supplied via Harbor Hills Reservoir, which is supplied via Appian Way Pumping Station.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/22/2015

ts→ mixtodenynyn ami/pm °C mg/L mg/L	#	ပ္	Sample I.D	Location	Sample Date	Collection	Тетр	Combined	Free Chlorine	Total Ammonia	Nitrite	PH	Comments/Corrective Actions/Others
D \$13-003 1948 W. 252 nd St 10/22/2015 -0755Hrs 24 0.00 2.20 0.00 0.00 D \$13-004 24632 S Moon Av 10/22/2015 -0900Hrs 24 0.00 1.99 0.00 0.007 D \$13-008 25417 Pennsylvania Av 10/22/2015 -0815Hrs 24 0.00 2.06 0.00 0.005 D A 2052 Dawn St 10/22/2015 -0730Hrs 24 0.00 1.89 0.00 0.006 D A 2052 Dawn St 10/22/2015 -0910Hrs 24 0.00 2.20 0.00 0.006 D 13-1 1912 W. 259lh Pl 10/22/2015 -0840Hrs 23 2.17 0.27 0.52 0.008 D 13-2 26314 S Monte Vta. 10/22/2015 -0850Hrs 23 2.17 0.22 0.43 0.010 D 13-5 2600 DCH 10/22/2015 -0825Hrs 23 2.17 0.30 0.48 0.010	1 [S	ts >		MM/DD/YYYY	am/pm	ပ္	mg/L	mg/L	mg/L	mg/L		
D \$13-004 24632 \$ Moon Av 10/22/2015 ~0900Hrs 24 0.00 1.99 0.00 0.00 D \$13-008 25417 Pennsylvania 10/22/2015 ~0815Hrs 24 0.00 2.06 0.00 0.006 D A 2052 Dawn \$\$4\$ 10/22/2015 ~0910Hrs 24 0.00 1.89 0.00 0.006 D 13-1 1912 W. 259th Pl 10/22/2015 ~0840Hrs 23 2.1 0.27 0.52 0.008 D 13-2 26314 \$ Monte Vta. 10/22/2015 ~0850Hrs 23 2.17 0.27 0.43 0.010 D 13-5 2500 DCH 10/22/2015 ~0825Hrs 23 2.17 0.22 0.48 0.010	-	О	S13-003		10/22/2015	~0755Hrs	24	0.00	2.20	0.00	0.003	7.5	Well/MET Blend (Zone 1)
D \$13-008 \$25417 Pennsylvania \$10/22/2015 -0815Hrs 24 0.00 2.06 0.00 0.000 D A \$2052 Dawn St \$10/22/2015 -0730Hrs 24 0.00 1.89 0.00 0.006 D \$13-1 \$1912 W. 259lh Pl \$10/22/2015 -0840Hrs \$23 \$2.1 0.27 0.52 0.008 D \$13-2 \$26314 S Monte Vta. \$10/22/2015 -0850Hrs \$23 \$2.17 0.22 0.43 0.010 D \$13-5 \$2500 DCH \$10/22/2015 -0825Hrs \$23 \$2.17 0.22 0.43 0.010	OI	۵	\$13-004		10/22/2015	~0900Hrs	24	0.00	1.99	0.00	0.007	8.0	Well/MET Blend (Zone 1)
D A 2052 Dawn St 10/22/2015 ~0730Hrs 24 0.00 1.89 0.00 0.006 D 13-1 1912 W. 259 th Pl 10/22/2015 ~0840Hrs 23 2.1 0.27 0.00 0.00 D 13-2 26314 S Monte Vta. 10/22/2015 ~0850Hrs 23 2.17 0.22 0.43 0.010 D 13-5 2500 DCH 10/22/2015 ~0825Hrs 23 1.92 0.30 0.48 0.010	m		S13-008		10/22/2015	~0815Hrs	24	0.00	2.06	0.00	0.005	8.0	Well/MET Blend (Zone 1)
D 13-1 1912 W. 259th Pl 10/22/2015 ~0840Hrs 23 2.17 0.27 0.00 0.000 0.000 D 13-5 26314 S Monte Vta. 10/22/2015 ~0825Hrs 23 1.92 0.30 0.48 0.010	-		4	2052 Dawn St	10/22/2015	~0730Hrs	24	0.00	1.89	0.00	900'0	8.2	Well/MET Blend (Zone 1)
D 13-1 1912 W. 259 th Pl 10/22/2015 ~0840Hrs 23 2.1 0.27 0.52 0.008 D 13-2 26314 S Monte Vta. 10/22/2015 ~0856Hrs 23 2.17 0.22 0.43 0.010	10			Reservoir	10/22/2015	~0910Hrs	24	0.00	2.20	0.00	0.004	∞	Well/MET Blend (Zone 1)
D 13-2 26314 S Monte Vta. 10/22/2015 ~0850Hrs 23 2.17 0.22 0.43 0.010	10	-	13-1	1912 W. 259 th PI	10/22/2015	~0840Hrs	23	2.1	0.27	0.52	0.008	80	MET ONLY (Zone 2)
0 13-5 2500 PCH 10/22/2015 ~0825Hrs 23 1.92 0.30 0.48 0.010	N	۵	13-2	26314 S Monte Vta.	10/22/2015	~0850Hrs	23	2.17	0.22	0.43	0.010	8	MET ONLY (Zone 3)
2	m	۵	13-5	2500 PCH	10/22/2015	~0825Hrs	23	1.92	0:30	0.48	0.010	00	MET ONLY (Zone 2)

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portion, can either be a Well/MET water blend and/or supplied by MET water only. Zone 1 can be supplied by 3 separate connections, West Basin 7 & 8 (MET only) or by the Cypress Reservoir (Well/MET Blend only) or a combination of connections thereof. Zone 2 is MET water supplied via Appian Way Pumping Station. Zone 3 is MET water supplied via Harbor Hills Reservoir, which is supplied via Appian Way Pumping Station. ² Zones are broken into 3 groups. They indicate a portion of the city's water mains, separated based on hydraulic grade. Currently Zone 1, the lower

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/21/2015

15. → 1.0.0.0.0.0.3. Ight states with the states of the states with the states with the states of the states with the		² C Sample I.D	Location	Sample Date	Collection	Тетр	Combined	Free Chlorine	Total Ammonia	Nitrite	ЬН	Comments/Corrective Actions/Others
S13-003 1948 W. 252 nd St 10/21/2015 0720Hrs 24 0.00 2.20 0.00 0.005 8.2 S13-004 24632 S Moon Av 10/21/2015 0820Hrs 24 0.00 1.92 0.00 0.003 8.2 S13-008 25417 Pennsylvania 10/21/2015 0830Hrs 24 0.00 2.02 0.00 0.004 8.0 A 2052 Dawn St 10/21/2015 0945Hrs 24 0.00 1.94 0.00 0.005 8.2 13-1 1912 W. 259 th Pl 10/21/2015 0945Hrs 23 2.5 0.33 0.52 0.006 7.3 13-2 2500 PCH 10/21/2015 -0845Hrs 23 2.4 0.30 0.46 0.006 7.3 13-5 2500 PCH 10/21/2015 -0845Hrs 23 2.3 0.32 0.44 0.006 7.3		Units→		ММ/ББ/ҮҮҮ	am/pm	၁့	mg/L	mg/L	mg/L	mg/L		
S13-004 24632 S Moon Av 10/21/2015 ~0820Hrs 24 0.00 1.92 0.00 0.003 8.2 S13-008 25417 Pennsylvania 10/21/2015 ~0830Hrs 24 0.00 2.02 0.00 0.004 8.0 A 2052 Dawn St 10/21/2015 ~0630Hrs 24 0.00 1.94 0.00 0.005 8.2 13-1 192 W. 259th Pl 10/21/2015 ~0945Hrs 23 2.5 0.33 0.52 0.006 7.3 13-2 26314 S Monte Vta. 10/21/2015 ~0900Hrs 23 2.4 0.30 0.46 0.005 7.4 13-5 2500 PCH 10/21/2015 ~0845Hrs 23 2.3 0.32 0.44 0.006 7.3			_	10/21/2015	~0720Hrs	24	0.00	2.20	0.00	0.005	8.2	Well/MET Blend (Zone 1)
S13-008 25417 Pennsylvania 10/21/2015 ~0830Hrs 24 0.00 2.02 0.00 0.004 8.0 A 2052 Dawn St 10/21/2015 ~0630Hrs 24 0.00 1.94 0.00 0.005 8.2 13-1 1912 W. 259th Pl 10/21/2015 ~0945Hrs 23 2.5 0.33 0.52 0.006 7.3 13-2 26314 S Monte Vta. 10/21/2015 ~0845Hrs 23 2.4 0.30 0.46 0.006 7.3 13-5 2500 PCH 10/21/2015 ~0845Hrs 23 2.3 0.32 0.44 0.006 7.3		S13-004		10/21/2015	~0820Hrs	24	0.00	1.92	0.00	0.003	8.2	Well/MET Blend (Zone 1)
A 2052 Dawn St 10/21/2015 ~0630Hrs 24 0.00 1.94 0.00 0.005 8.2 13-1 Reservoir 10/21/2015 ~0945Hrs 24 0.00 2.40 0.00 0.004 7.6 13-1 1912 W. 259 th Pl 10/21/2015 ~0915Hrs 23 2.5 0.33 0.52 0.006 7.3 13-2 26314 S Monte Vta. 10/21/2015 ~0845Hrs 23 2.4 0.30 0.46 0.005 7.4 13-5 2500 PCH 10/21/2015 ~0845Hrs 23 2.3 0.32 0.44 0.006 7.3	۵	S13-008	25417 Pennsylvania Av	10/21/2015	~0830Hrs	24	0.00	2.02	0.00	0.004	8.0	Well/MET Blend (Zone 1)
13-1 Reservoir 10/21/2015 ~0945Hrs 24 0.00 2.40 0.00 0.004 7.6 13-1 1912 W. 259th Pl 10/21/2015 ~0915Hrs 23 2.5 0.33 0.52 0.006 7.3 13-2 26314 S Monte Vta. 10/21/2015 ~0900Hrs 23 2.4 0.30 0.46 0.005 7.4 13-5 2500 PCH 10/21/2015 ~0845Hrs 23 2.3 0.32 0.44 0.006 7.3	Q	A	2052 Dawn St	10/21/2015	~0630Hrs	24	0.00	1.94	0.00	0.005	8.2	Well/MET Blend (Zone 1)
13-1 1912 W. 259 th PI 10/21/2015 ~0915Hrs 23 2.5 0.33 0.52 0.006 7.3 13-2 26314 S Monte Vta. 10/21/2015 ~0900Hrs 23 2.4 0.30 0.46 0.005 7.4 13-5 2500 PCH 10/21/2015 ~0845Hrs 23 2.3 0.32 0.44 0.006 7.3	0		Reservoir	10/21/2015	~0945Hrs	24	0.00	2.40	0.00	0.004	9.7	Well/MET Blend (Zone 1)
13-2 26314 S Monte Vta. 10/21/2015 ~0900Hrs 23 2.4 0.30 0.46 0.005 7.4 13-5 2500 PCH 10/21/2015 ~0845Hrs 23 2.3 0.32 0.44 0.006 7.3	0	13-1	1912 W. 259 th PI	10/21/2015	~0915Hrs	23	2.5	0.33	0.52	900.0	7.3	MET ONLY (Zone 2)
13-5 2500 PCH 10/21/2015 ~0845Hrs 23 2.3 0.32 0.44 0.006 7.3	۵	13-2	26314 S Monte Vta.	10/21/2015	~0900Hrs	23	2.4	0.30	0.46	0.005	7.4	MET ONLY (Zone 3)
			2500 PCH	10/21/2015	~0845Hrs	23	2.3	0.32	0.44	0.006	7.3	MET ONLY (Zone 2)

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*NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/20/2015

ts → → mwnboryvry st3-004 amr/pm st48 W. 252 nd St cong/l state and st	ပ္	Sample I.D	Location	Sample Date	Collection Time	Temp	Combined	Free Chlorine	Total Ammonia	Nitrite	ЬН	Comments/Corrective Actions/Others
\$13-003 1948 W. 252 nd St 10/20/2015 ~0815Hrs 26 0.00 2.20 0.00 0.005 8 \$13-004 24632 S Moon Av 10/20/2015 ~0730Hrs 25 0.00 1.92 0.00 0.005 8 \$13-008 25417 Pennsylvania 40/20/2015 ~0830Hrs 26 0.00 2.02 0.00 0.006 7.5 A 2052 Dawn St 10/20/2015 ~0845Hrs 26 0.00 2.40 0.00 0.006 8 A 2052 Dawn St 10/20/2015 ~0845Hrs 26 0.00 2.40 0.00 0.006 8 13-1 1912 W. 259 th Pl 10/20/2015 ~0845Hrs 25 2.10 0.49 0.47 0.005 8.0 13-2 26314 S Monte Vta. 10/20/2015 ~0915Hrs 25 2.10 0.47 0.45 0.010 8.0 13-5 2500 PCH 10-200 G.43 0.055 0.43 0.073 7.2		Units>		MM/DD/YYYY	am/pm	ပ္	mg/L	mg/L	mg/L	mg/L		
S13-004 24632 S Moon Av 10/20/2015 ~0730Hrs 25 0.00 1.92 0.00 0.005 8 S13-008 25417 Pennsylvania 10/20/2015 ~0830Hrs 26 0.00 2.02 0.00 0.004 7.5 A 2052 Dawn St 10/20/2015 ~0800Hrs 26 0.00 1.94 0.00 0.006 7.5 13-1 1912 W. 259 th Pl 10/20/2015 ~0845Hrs 26 2.10 0.49 0.47 0.005 8.0 13-2 26314 S Monte Vta. 10/20/2016 ~0915Hrs 25 2.10 0.47 0.45 0.010 8.0 13-5 2500 PCH 10/20/2016 ~0915Hrs 25 1.98 0.65 0.43 0.007 7.2		\$13-003		10/20/2015	~0815Hrs	26	0.00	2.20	0.00	0.003	80	Well/MET Blend (Zone 1)
S13-008 25417 Pennsylvania Av A 2052 Dawn St 10/20/2015 ~0800Hrs 25 0.00 1.94 0.00 0.006 7.5 Reservoir 10/20/2015 ~0945Hrs 25 0.00 2.40 0.00 0.006 8 13-1 1912 W. 259 th PI 10/20/2015 ~0900Hrs 25 2.10 0.49 0.47 0.005 8.0 13-2 26314 S Monte Vta. 10/20/2015 ~0915Hrs 25 1.98 0.65 0.43 0.007 7.2		\$13-004	24632 S Moon Av	10/20/2015	~0730Hrs	25	0.00	1.92	0.00	0.005	89	Well/MET Blend (Zone 1)
A 2052 Dawn St 10/20/2015 ~0800Hrs 25 0.00 1.94 0.00 0.006 7.5 Reservoir 10/20/2015 ~0845Hrs 24 0.00 2.40 0.00 0.006 8 13-1 1912 W. 259 th PI 10/20/2015 ~0845Hrs 25 2.10 0.49 0.47 0.05 8.0 13-2 26314 S Monte Vta. 10/20/2015 ~0915Hrs 25 1.98 0.65 0.43 0.007 7.2 13-5 2500 PCH		S13-008	25417 Pennsylvania Av	10/20/2015	~0830Hrs	26	0.00	2.02	0.00	0.004	7.5	Well/MET Blend (Zone 1)
Reservoir 10/20/2015 ~0945Hrs 24 0.00 2.40 0.00 0.006 8 13-1 1912 W. 259 th Pl 10/20/2015 ~0845Hrs 25 2.10 0.49 0.47 0.005 8.0 13-2 26314 S Monte Vta. 10/20/2015 ~0915Hrs 25 2.10 0.47 0.45 0.010 8.0 13-5 2500 PCH 250 PCH 1.98 0.65 0.43 0.007 7.2	۵	A	2052 Dawn St	10/20/2015	~0800Hrs	25	0.00	1.94	0.00	900.0	7.5	Well/MET Blend (Zone 1)
13-1 1912 W. 259 th PI 10/20/2015 ~0845Hrs 25 2.10 0.49 0.47 0.005 8.0 13-2 26314 S Monte Vta. 10/20/2015 ~0915Hrs 25 1.98 0.65 0.43 0.007 7.2 13-5 2500 PCH			Reservoir	10/20/2015	~0945Hrs	24	0.00	2.40	0.00	9000	80	Well/MET Blend (Zone 1)
13-2 26314 S Monte Vta. 10/20/2015 ~0906Hrs 25 2.10 0.47 0.45 0.010 8.0 13-5 2500 PCH		13-1	1912 W. 259 th PI	10/20/2015	~0845Hrs	25	2.10	0.49	0.47	0.005	8.0	MET ONLY (Zone 2)
13-5 2500 PCH 10/20/2015 ~0915Hrs 25 1.98 0.65 0.43 0.007 7.2		13-2	26314 S Monte Vta.	10/20/2015	~0900Hrs	25	2.10	0.47	0.45	0.010	8.0	MET ONLY (Zone 3)
			2500 PCH	10/20/2015	~0915Hrs	25	1.98	0.65	0.43	200.0	7.2	MET ONLY (Zone 2)

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'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/19/2015

))	Sample I.D	Location	Sample Date	Collection	Temp	Combined	Free Chlorine	Total Ammonia	Nitrite	Ŧ	Comments/Corrective Actions/Others
10	Units→		MM/DD/YYYY	am/pm	၁ _°	mg/L	mg/L	mg/L	mg/L		
S	S13-003	1948 W. 252 nd St	10/19/2015	~0810Hrs	27	0.00	2.20	0.00	0.011	ω	Well/MET Blend (Zone 1)
0)	S13-004	24632 S Moon Av	10/19/2015	~0840Hrs	27	00.00	2.18	0.00	0.009	80	Well/MET Blend (Zone 1)
U)	\$13-008	25417 Pennsylvania Av	10/19/2015	~0830Hrs	27	0.00	1.60	0.00	0.014	80	Well/MET Blend (Zone 1)
A	-	2052 Dawn St	10/19/2015	~0855Hrs	27	0.00	1.90	0.00	0.008	∞	Well/MET Blend (Zone 1)
		Reservoir	10/19/2015	~0915Hrs	56	0.00	2.50	0.00	0.013	80	Well/MET Blend (Zone 1)
	13-1	1912 W. 259 th PI	10/19/2015	~0800Hrs	26	2.10	0.50	0.41	0.007	7.4	MET ONLY (Zone 2)
100	13-2	26314 S Monte Vta.	10/19/2015	~0745Hrs	25	2.10	0.42	0.44	0.016	7.8	MET ONLY (Zone 3)
	8 D 13-5	2500 PCH	10/19/2015	~0820Hrs	26	2.20	0.54	0.47	0.010	8.0	MET ONLY (Zone 2)

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'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/16/2015

thers										
Comments/Corrective Actions/Others		Well/MET Blend	Well/MET Blend	Well/MET Blend	Well/MET Blend	Well/MET Blend	MET	MET	MET	
H		7.6	7.6	9.7	7.6	7.6	7.7	7.7	7.7	
Nitrite	mg/L	0.007	900.0	0.010	900.0	0.007	0.008	0.005	0.011	
Total Ammonia	mg/L	0.57	0.51	0.55	0.54	0.00	0.47	0.41	0.38	
Free Chlorine	mg/L	0.64	0.13	0.28	0.41	3.48	0.47	09.0	0,48	
Combined Chlorine	mg/L	0.00	0.00	0.00	0.00	0.00	2.20	2.30	2.0	
Тетр	ပ္	25	25	25	25	25	25	25	25	
Collection	am/pm	~0810Hrs	~0730Hrs	~0840Hrs	~0825Hrs	~0920Hrs	~0745Hrs	~0800Hrs	~0900Hrs	
Sample Date	MM/DD/YYYY	10/16/2015	10/16/2015	10/16/2015	10/16/2015	10/16/2015	10/16/2015	10/16/2015	10/16/2015	
Location		1948 W. 252 nd St	24632 S Moon Av	25417 Pennsylvania Av	2052 Dawn St	Reservoir	1912 W. 259 th PI	26314 S Monte Vta.	2500 PCH	Notes: 2C for Sample Code; 3Z for Zone.
Sample I.D	Units→	S13-003	S13-004	S13-008	A		13-1	13-2	13-5	² C for Samp
ွ	Unit	۵	O	۵	۵	۵	۵	٥	8 D	otes:
#		-	2	3	4	5	9	7	80	ž

¹This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073

Month, Year: 10/15/2015

Sample 1.D S13-003 S13-004 S13-008 A A A 13-7	Sample Location Sample Col I.D 1.D 1.D 1.D 1.D 1.D 213-003 1948 W. 252 nd St 10/15/2015 ~08 S13-004 24632 S Moon Av 10/15/2015 ~08 S13-008 25417 Pennsylvania 10/15/2015 ~10 A 2052 Dawn St 10/15/2015 ~08 13-1 1912 W. 259 th Pl 10/15/2015 ~08 13-2 26314 S Monte Vta. 10/15/2015 ~08	Sample Location Sample Collection 1.D 1.D 1.D 1.D 1.D 1.D 1.D 1.	Sample Location Sample Collection Temp 1.D 1.D 1.D 1.D 1.D 1.D 1.D 1.	Sample Location Sample Date Collection Temp Combined Chlorine 1.D Location Date Time Collection Temp Combined S13-003 1948 W. 252 nd St 10/15/2015 ~0825Hrs 26 0.00 S13-004 24632 S Moon Av 10/15/2015 ~0910Hrs 26 0.00 S13-008 25417 Pennsylvania 10/15/2015 ~0900Hrs 26 0.00 A 2052 Dawn St 10/15/2015 ~0910Hrs 26 0.00 13-1 1912 W. 259 ^{lh} Pl 10/15/2015 ~0945Hrs 27 2.32 13-2 26314 S Monte Vta. 10/15/2015 ~1000Hrs 26 2.44 13-5 2500 PCH 10/15/2015 ~1000Hrs 26 2.44	2 ₂	ว	0	2 D	3	4 D	5 D	Q 9	7 D	c
Sample Col Date T 10/15/2015 ~08 10/15/2015 ~06 10/15/2015 ~16 10/15/2015 ~06 10/15/2015 ~06	Sample Collection Date Time Time 10/15/2015 ~0825Hrs 10/15/2015 ~0910Hrs 10/15/2015 ~0910Hrs 10/15/2015 ~0945Hrs 10/15/2015 ~0945Hrs 10/15/2015 ~0945Hrs 10/15/2015 ~0920Hrs	Sample Collection Temp Date Time Time 10/15/2015 ~0825Hrs 26 10/15/2015 ~0910Hrs 26 10/15/2015 ~0910Hrs 26 10/15/2015 ~0910Hrs 26 10/15/2015 ~0945Hrs 26 10/15/2015 ~0945Hrs 27 10/15/2015 ~0920Hrs 26	Sample Collection Temp Combined Date Time Chlorine 10/15/2015 ~0825Hrs 26 0.00 10/15/2015 ~1000Hrs 26 0.00 10/15/2015 ~0800Hrs 26 0.00 10/15/2015 ~0910Hrs 26 0.00 10/15/2015 ~0945Hrs 27 2.32 10/15/2015 ~1000Hrs 26 2.44 10/15/2015 ~1000Hrs 26 2.44 10/15/2015 ~0920Hrs 26 2.36	Sample Collection Temp Combined Free Date Time Chlorine Chlorine Chlorine 10/15/2015 ~0825Hrs 26 0.00 1.84 10/15/2015 ~0910Hrs 26 0.00 1.82 10/15/2015 ~0900Hrs 26 0.00 1.04 10/15/2015 ~0910Hrs 26 0.00 1.98 10/15/2015 ~0945Hrs 27 2.32 0.81 10/15/2015 ~1000Hrs 26 2.44 0.60 10/15/2015 ~0920Hrs 26 2.44 0.60	တိ	Units→		-	S13-008					13-5
O	Collection Time	Collection Temp Time anv/pm °C ~0825Hrs 26 ~0910Hrs 26 ~0910Hrs 26 ~0945Hrs 27 ~1000Hrs 26 ~0945Hrs 27 ~1000Hrs 26	Collection Temp Combined am/pm °C mg/L ~0825Hrs 26 0.00 ~0910Hrs 26 0.00 ~0800Hrs 26 0.00 ~0910Hrs 26 0.00 ~0945Hrs 27 2.32 ~1000Hrs 26 2.44 ~0920Hrs 26 2.36	Collection Temp Combined Chlorine Chlorine Free Chlorine am/pm °C mg/L mg/L ~0825Hrs 26 0.00 1.84 ~0910Hrs 26 0.00 1.82 ~0800Hrs 26 0.00 1.04 ~0910Hrs 26 0.00 1.98 ~0945Hrs 27 2.32 0.81 ~1000Hrs 26 2.44 0.60 ~112 2.36 1.12	Location		_	_	25417 Pennsylvania Av	2052 Dawn St	Reservoir	1912 W. 259 th PI	26314 S Monte Vta.	2500 PCH
Collection Time -0825Hrs -0910Hrs -0910Hrs -0945Hrs -0945Hrs -0920Hrs	ime Inform Infor	ection Temp ime	ection Temp Combined ime Chlorine Chlorine Chlorine Chlorine 25Hrs 26 0.00 00Hrs 26 0.00 00Hrs 26 0.00 45Hrs 27 2.32 00Hrs 26 2.36 2.36	ection Temp Combined ime Temp Combined Chlorine Free Chlorine n/pm °C mg/L mg/L 25Hrs 26 0.00 1.84 10Hrs 26 0.00 1.82 00Hrs 26 0.00 1.60 10Hrs 26 0.00 1.98 45Hrs 27 2.32 0.81 20Hrs 26 2.44 0.60 20Hrs 26 2.34 0.60	Sample Date	MM/DD/YYYY	10/15/2015	10/15/2015	10/15/2015	10/15/2015	10/15/2015	10/15/2015	10/15/2015	10/15/2015
	Temp 7 26 26 26 26 26 26 26 26 26		Combined Chlorine mg/L 0.00 0.00 0.00 2.32 2.32 2.35	Combined Free Chlorine Chlorine Chlorine Chlorine Chlorine 0.00 1.84 0.00 1.82 0.00 1.04 0.00 1.98 2.32 0.81 2.44 0.60 2.36 1.12	Collection Time	am/pm	~0825Hrs	~0910Hrs	~1000Hrs	~0800Hrs	~0910Hrs	~0945Hrs	~1000Hrs	~0920Hrs
Pree Chlorine 1.84 1.82 1.04 1.04 1.06 0.60	Total Ammonia mg/L 0.00 0.00 0.00 0.00 0.49 0.44		Nitrite mg/L 0.004 0.005 0.005 0.005 0.005 0.005		Ŧ		7.4	7.4	7.4	7.4	7.4	7.5	7.5	7.6
Free Total Chlorine Ammonia Nitrite Mult mg/L mg/L mg/L mg/L Mitrite mg/L mg/L mg/L 1.84 0.00 0.004 1.04 0.00 0.006 1.50 0.00 0.004 1.98 0.00 0.003 0.81 0.49 0.005 0.60 0.44 0.004 1.12 0.41 0.005	Ammonia Nitrite mg/L mg/L 0.00 0.004 0.00 0.006 0.00 0.006 0.00 0.003 0.49 0.005 0.44 0.004	Mitrite mg/L 0.004 0.005 0.006 0.005 0.005 0.005 0.005		HP	Comments/Corrective Actions/Others		Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	MET ONLY (Zone 2)	MET ONLY (Zone 3)	MET ONLY (Zone 2)

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portion, can either be a Well/MET water blend and/or supplied by MET water only. Zone 1 can be supplied by 3 separate connections, West Basin 7 & 8 (MET only) or by the Cypress Reservoir (Well/MET Blend only) or a combination of connections thereof. Zone 2 is MET water supplied via Appian Way ² Zones are broken into 3 groups. They indicate a portion of the city's water mains, separated based on hydraulic grade. Currently Zone 1, the lower Pumping Station. Zone 3 is MET water supplied via Harbor Hills Reservoir, which is supplied via Appian Way Pumping Station.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/14/2015

D03 1948 W. 252 nd St 1 004 24632 S Moon Av 1 008 25417 Pennsylvania Av 2052 Dawn St 1 Reservoir 1912 W. 259 th Pl 1 26314 S Monte Vta. 1	Date Col 003 1948 W. 252 nd St 004 24632 S Moon Av 008 25417 Pennsylvania Av 2052 Dawn St 10/14/2015 ~07 2052 Dawn St 10/14/2015 ~07 2053 Dawn St 10/14/2015 ~07 2050 PCH 10/14/2015 ~07	Date Collection Date Time Date Time O03 1948 W. 252 nd St 10/14/2015 ~0730Hrs O04 24632 S Moon Av 10/14/2015 ~0740Hrs Av 10/14/2015 ~0740Hrs Av 10/14/2015 ~0740Hrs Reservoir 10/14/2015 ~0800Hrs 26314 S Monte Vta. 10/14/2015 ~0830Hrs 2601 PCH 10/14/2015 ~0830Hrs 2601 PCH 10/14/2015 ~0830Hrs	Date Collection Temp Date Time O03 1948 W. 252 nd St O04 24632 S Moon Av O08 25417 Pennsylvania Av 10/14/2015 ~0730Hrs 2052 Dawn St 10/14/2015 ~0740Hrs 2052 Dawn St 10/14/2015 ~0750Hrs 2052 Dawn St 10/14/2015 ~0750Hrs 26 2052 Dawn St 10/14/2015 ~0800Hrs 26 26314 S Monte Vta. 10/14/2015 ~0830Hrs 25 260 PCH 260 PCH 2700 PCH	Date Location Sample Collection Temp Combined Date Time Time Chlorine Chlorine Temp Combined Chlorine Date Time Time Chlorine Chlorine Collection Temp Combined Chlorine Chlorine Collection St. 10/14/2015 ~0730Hrs 26 0.00 Chlorine Chlorin	# 2C San	Units→	D S13-	2 D S13-	3 D S13-	4 D A	5 D	6 D 13-1	7 D 13-2	13-5
Sample Col Date T 10/14/2015 ~0 10/14/2015 ~0 10/14/2015 ~0 10/14/2015 ~0 10/14/2015 ~0 10/14/2015 ~0 10/14/2015 ~0 10/14/2015 ~0 10/14/2015 ~0	Sample Collection Date Time 10/14/2015 ~0730Hrs 10/14/2015 ~0740Hrs 10/14/2015 ~0740Hrs 10/14/2015 ~0800Hrs 10/14/2015 ~0800Hrs 10/14/2015 ~0800Hrs 10/14/2015 ~0800Hrs	Sample Collection Temp Date Time "C 10/14/2015 ~0730Hrs 26 10/14/2015 ~0740Hrs 26 10/14/2015 ~0740Hrs 26 10/14/2015 ~0740Hrs 26 10/14/2015 ~0800Hrs 26 10/14/2015 ~0800Hrs 25 10/14/2015 ~0830Hrs 25	Sample Collection Temp Combined Date Time Chlorine 10/14/2015 ~0730Hrs 26 0.00 10/14/2015 ~0740Hrs 26 0.00 10/14/2015 ~0710Hrs 26 0.00 10/14/2015 ~0750Hrs 26 0.00 10/14/2015 ~0800Hrs 26 0.00 10/14/2015 ~0800Hrs 25 2.16 10/14/2015 ~0830Hrs 25 2.20 10/14/2015 ~0830Hrs 25 1.97	Sample Collection Temp Temp Combined Chlorine Free Chlorine MWINDOTYTY am/pm °C mg/L mg/L 10/14/2015 ~0730Hrs 26 0.00 1.75 10/14/2015 ~0740Hrs 26 0.00 1.61 10/14/2015 ~0740Hrs 26 0.00 1.46 10/14/2015 ~0750Hrs 26 0.00 1.90 10/14/2015 ~0750Hrs 25 2.16 0.19 10/14/2015 ~0800Hrs 25 2.20 0.36 10/14/2015 ~0830Hrs 25 1.97 0.26	Sample I.D	1	S13-003	S13-004	3-008					
OO	Collection Time -0730Hrs -0720Hrs -0740Hrs -0750Hrs -0750Hrs -0800Hrs	Collection Temp Time am/pm °C ~0730Hrs 26 ~0740Hrs 26 ~0740Hrs 26 ~0750Hrs 26 ~0800Hrs 25 ~0830Hrs 25	Collection Temp Combined am/pm °C mg/L ~0730Hrs 26 0.00 ~0740Hrs 26 0.00 ~0740Hrs 26 0.00 ~0800Hrs 26 0.00 ~0800Hrs 25 2.16 ~0830Hrs 25 2.20 ~0830Hrs 25 1.97	Collection Temp Combined Chlorine Chlorine Free Chlorine am/pm °C mg/L mg/L ~0730Hrs 26 0.00 1.75 ~0740Hrs 26 0.00 1.62 ~0740Hrs 26 0.00 1.46 ~0800Hrs 26 0.00 1.90 ~0800Hrs 25 2.16 0.19 ~0800Hrs 25 2.20 0.36 ~0830Hrs 25 1.97 0.26	Location		1948 W. 252 nd St	24632 S Moon Av	25417 Pennsylvania Av	2052 Dawn St	Reservoir	1912 W. 259 th PI	26314 S Monte Vta.	2500 PCH
am/pm -0730Hrs -0720Hrs -0740Hrs -0740Hrs -0750Hrs -0800Hrs -0800Hrs	ime Ime Inhe Inhe Inhe Inhe Inhe Inhe Inhe Inh	ection Temp ime "C 30Hrs 26 20Hrs 26 20Hrs 26 50Hrs 26 50Hrs 26 50Hrs 25 30Hrs 25 30Hrs 25	ection Temp Combined ime Chlorine Chlorine Chlorine Chlorine 20Hrs 26 0.00 20Hrs 26 0.00 00Hrs 26 0.00 50Hrs 26 0.00 50Hrs 25 2.20 30Hrs 25 1.97	ection ime Temp Combined Chlorine Chlorine Free Chlorine Chlorine n/pm °C mg/L mg/L 30Hrs 26 0.00 1.75 20Hrs 26 0.00 1.62 40Hrs 26 0.00 1.61 40Hrs 26 0.00 1.46 50Hrs 26 0.00 1.90 50Hrs 25 2.16 0.19 30Hrs 25 2.20 0.36 30Hrs 25 1.97 0.26	Sample Date	MM/DD/YYYY	10/14/2015	10/14/2015	10/14/2015	10/14/2015	10/14/2015	10/14/2015	10/14/2015	10/14/2015
	Temp Temp 26 26 26 26 26 26 27 28 28 29 29 20 20 20 20 20 20 20 20		Combined Chlorine Chlorine mg/L 0.00 0.00 0.00 0.00 2.16 2.20 1.97	Combined Free Chlorine Chlorine Chlorine Chlorine Chlorine 0.00 1.75 0.00 1.61 0.00 1.46 0.00 1.90 2.16 0.19 2.20 0.36 1.97 0.26	Collection	am/pm	~0730Hrs	~0720Hrs	~0740Hrs	~0710Hrs	~0800Hrs	~0750Hrs	~0800Hrs	~0830Hrs
Free Chlorine mg/L 1.75 1.62 1.62 1.90 0.19 0.36 0.26	Total Ammonia mg/L 0.00 0.00 0.00 0.00 0.053 0.53		Nitrite mg/L 0.005 0.007 0.006 0.006		H		8.1	8.0	2.1	8.3	8.2	7.7	6.7	7.4
Free Total Chlorine Total Ammonia Ammonia Mitrite Nitrite Mg/L Mg/L Mg/L Mg/L Mg/L Mg/L Mg/L Mg/L	Ammonia Nitrite mg/L mg/L 0.00 0.005 0.00 0.008 0.00 0.006 0.00 0.006 0.053 0.007 0.45 0.004	Mitrite 0.005 0.007 0.006 0.006 0.006		HH 8.1 8.0 8.0 8.7 7.7 7.7 7.9 7.9 7.9	Comments/Corrective Actions/Others		Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	Well/MET Blend (Zone 1)	MET ONLY (Zone 2)	MET ONLY (Zone 3)	MET ONLY (Zone 2)

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'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/13/2015

Lorits→ Montoorvormorphism am/pm *C mg/L m	2 2	Sample I.D	Location	Sample Date	Collection	Temp	Combined	Free Chlorine	Total Ammonia	Nitrite	H	Comments/Corrective Actions/Others
S13-003 1948 W. 252 nd St 10/13/2015 ~1150Hrs 26 0.00 1.60 0.00 0.003 8.3 S13-004 24632 S Moon Av 10/13/2015 ~1135Hrs 26 0.00 1.62 0.00 0.002 8.3 S13-008 25417 Pennsylvania 10/13/2015 ~1200Hrs 26 0.00 2.01 0.00 0.004 7.9 A 2052 Dawn St 10/13/2015 ~1200Hrs 27 0.00 1.42 0.00 0.006 8.2 13-1 1912 W. 259th pl 10/13/2015 ~1120Hrs 27 2.24 0.83 0.44 0.004 8.3 13-2 26314 S Monte Vta. 10/13/2015 ~1120Hrs 27 2.10 0.55 0.45 0.007 8.3 13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3	ว็	its→		MM/DD/YYYY	am/pm	ပ္	mg/L	mg/L	mg/L	mg/L		
S13-004 24632 S Moon Av 10/13/2015 ~1135Hrs 26 0.00 1.62 0.00 0.002 8.3 S13-008 25417 Pennsylvania 10/13/2015 ~0940Hrs 26 0.00 2.01 0.00 0.004 7.9 A 2052 Dawn St 10/13/2015 ~1200Hrs 27 0.00 1.42 0.00 0.003 8.3 13-1 1912 W. 259th Pl 10/13/2015 ~1110Hrs 27 2.24 0.83 0.44 0.004 8.3 13-2 26314 S Monte Vta. 10/13/2015 ~1120Hrs 27 2.10 0.55 0.45 0.007 8.3 13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3	Ω	-		10/13/2015		26	00.00	1.60	0.00	0.003	8.3	Well/MET Blend (Zone 1)
S13-008 25417 Pennsylvania Av 10/13/2015 ~0940Hrs 26 0.00 2.01 0.00 0.004 7.9 A 2052 Dawn St 10/13/2015 ~1200Hrs 27 0.00 1.42 0.00 0.003 8.3 13-1 1912 W. 259 th Pl 10/13/2015 ~1110Hrs 27 2.24 0.83 0.44 0.004 8.3 13-2 26314 S Monte Vta. 10/13/2015 ~1120Hrs 27 2.10 0.55 0.45 0.007 8.3 13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3		- +	24632 S Moon Av	10/13/2015		26	0.00	1.62	0.00	0.002	8.3	Well/MET Blend (Zone 1)
A 2052 Dawn St 10/13/2015 ~1200Hrs 27 0.00 1.42 0.00 0.003 8.3 13-1 Reservoir 10/13/2015 ~1035Hrs 26 0.00 2.68 0.00 0.006 8.2 13-1 1912 W. 259th Pl 10/13/2015 ~1110Hrs 27 2.24 0.83 0.44 0.004 8.3 13-2 26314 S Monte Vta. 10/13/2015 ~1120Hrs 27 2.10 0.55 0.45 0.007 8.3 13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3	Ω		25417 Pennsylvania Av	10/13/2015	~0940Hrs	26	0.00	2.01	0.00	0.004	7.9	Well/MET Blend (Zone 1)
13-1 1912 W. 259 th Pl 10/13/2015 ~1035Hrs 26 0.00 2.68 0.00 0.006 8.2 13-1 1912 W. 259 th Pl 10/13/2015 ~1110Hrs 27 2.24 0.83 0.44 0.004 8.3 13-2 26314 S Monte Vta. 10/13/2015 ~1120Hrs 27 2.10 0.55 0.45 0.007 8.3 13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3		A	2052 Dawn St	10/13/2015	~1200Hrs	27	0.00	1.42	00'0	0.003	8.3	Well/MET Blend (Zone 1)
13-1 1912 W. 259 th Pl 10/13/2015 ~1110Hrs 27 2.24 0.83 0.44 0.004 8.3 13-2 26314 S Monte Vta. 10/13/2015 ~1120Hrs 27 2.10 0.55 0.45 0.007 8.3 13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3			Reservoir	10/13/2015	~1035Hrs	26	0.00	2.68	00.0	0.006	8.2	Well/MET Blend (Zone 1)
13-2 26314 S Monte Vta. 10/13/2015 ~1120Hrs 27 2.10 0.55 0.45 0.007 8.3 13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3	0	13-1	1912 W. 259 th PI	10/13/2015	~1110Hrs	27	2.24	0.83	0.44	0.004	8.3	MET ONLY (Zone 2)
13-5 2500 PCH 10/13/2015 ~1050Hrs 27 2.16 0.71 0.43 0.005 8.3	0	13-2	26314 S Monte Vta.	10/13/2015		27	2.10	0.55	0.45	0.007	8.3	MET ONLY (Zone 3)
	0	13-5	2500 PCH	10/13/2015	~1050Hrs	27	2.16	0.71	0.43	0.005	8.3	MET ONLY (Zone 2)

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INITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073

Month, Year: 10/08/2015

Actions/Others										
Comments/Corrective Actions/Others		Well/MWD Blend	Well/MWD Blend	Well/MWD Blend	Well/MWD Blend	Well/MWD Blend				
Н		8.0	8.2	2.3	7.9	6.1				
Nitrite	mg/L	0.005	0.004	0.007	0.005	0.004				
Total Ammonia	mg/L	0.00	0.00	0.00	0.00	0.00				
Free	mg/L	1.60	1.62	2.01	1.42	2.68				
Combined	mg/L	0.00	0.00	0.00	0.00	0.00				
Temp	ပ္	23	24	25	24	25				
Collection	am/pm	~0916Hrs	~0935Hrs	~0950Hrs	~0900Hrs	~1500Hrs				
Sample Date	MM/DD/YYYY	10/08/2015	10/08/2015	10/08/2015	10/08/2015	10/08/2015				
Location		1948 W. 252 nd St	24632 S Moon Av	S13-008 25417 Pennsylvania Av	2052 Dawn St	Reservoir	1912 W. 259 th PI	26314 S Monte Vta.	2500 PCH	Notes: 2C for Sample Code; 3Z for Zone.
Sample I.D	Units→	S13-003	S13-004	\$13-008	K		13-1	13-2	13-5	² C for Samp
ပ္	Unit	۵	۵	۵	٥	۵	٥	٥	8 D	otes:
#		~	7	n	4	2	9	7	00	Z

¹This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/06/2015

	² C Sample I.D	Location	Sample Date	Collection Time	Temp	Combined Chlorine	Free Chlorine	Total Ammonia	Nitrite	H	Comments/Corrective Actions/Others
2	Units→		MM/DD/YYYY	am/pm	ပ္	mg/L	mg/L	mg/L	mg/L		
Q	S13-003	1948 W. 252 nd St	10/06/2015	~0550Hrs	23	2.12	0:30	0.34	0.007	8.5	MET
2 D	S13-004	S13-004 24632 S Moon Av	10/06/2015	~0540Hrs	23	0.59	0.13	0.26	0.008	8.4	MET
Q	S13-008	S13-008 25417 Pennsylvania Av	10/06/2015	~0525Hrs	23	1.37	0.07	0.41	0.007	8,3	MET
	K	2052 Dawn St	10/06/2015	~0720Hrs	23	1.65	90.0	0.42	0.019	8.5	MET
		Reservoir	10/06/2015	~0510Hrs	24	0.00	3.48	0.00	0.004	7.8	Well/MET Blend
	13-1	1912 W. 259 th PI									
	13-2	26314 S Monte Vta.									
1	8 D 13-5	2500 PCH									
::	2C for Sam	Notes: 2C for Sample Code; 3Z for Zone.									

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'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: ____10/05/2015

003 1948 W. 252 rd St 10/05/2015 -0800Hrs 26.5 2.13 0.64 0.57 0.007 8.0 MET 004 24632 S Moon Av 10/05/2015 -0705Hrs 26.3 0.78 0.13 0.51 0.006 7.9 MET 0.08 25417 Pennsylvania 10/05/2015 -0816Hrs 26.0 1.46 0.28 0.55 0.007 8.0 MET 2052 Dawn St 10/05/2015 -0752Hrs 26.3 1.62 0.41 0.54 0.006 7.9 MET 1912 W. 259 th PI 10/05/2015 -0715Hrs 25.8 0.00 3.48 ° 0.00 7.5 Well/MET Blend 26314 S Monte Vta. 1912 W. 259 th PI 10/05/2015 10/05/20	Sample I.D	o C	Location	Sample Date	Collection	Temp	Combined	Free	Total Ammonia	Nitrite	H	Comments/Corrective Actions/Others
103 1948 W. 252 nd St 10/05/2015 -0800Hrs 26.5 2.13 0.64 0.57 0.007 8.0 8.0 1.46 24632 S Moon Av 10/05/2015 -0705Hrs 26.3 1.46 0.28 0.13 0.55 0.007 8.0	Units→			MM/DD/YYYY	am/pm	၁့	mg/L	mg/L	mg/L	mg/L		
04 24632 S Moon Av 10/05/2015 ~0705Hrs 26.3 0.78 0.13 0.51 0.006 7.9 108 25417 Pennsylvania 10/05/2015 ~0816Hrs 26.0 1.46 0.28 0.55 0.007 8.0 2052 Dawn St 10/05/2015 ~0752Hrs 26.3 1.62 0.41 0.54 0.006 7.9 Reservoir- 1912 W. 259th Pl 7.5 7.5 7.5 7.5 7.5 26314 S Monte Vta. 2500 PCH 2500 PCH 7.5 7.5 7.5 7.5	513	S13-003		10/05/2015	~0800Hrs	26.5	2.13	0.64	0.57	0.007	8.0	MET
2652 Dawn St	S13	S13-004		10/05/2015	~0705Hrs	26.3	0.78	0.13	0.51	0.006	7.9	MET
2052 Dawn St 10/05/2015 ~0752Hrs 26.3 1.62 0.41 0.54 0.006 7.9 Reservoir 10/05/2015 ~0715Hrs 25.8 0.00 3.48 0.00 7.5 1912 W. 259 th Pl 26314 S Monte Vta. 26314 S Monte Vta. 7.5 7.5	S13	-008	25417 Pennsylvania Av	10/05/2015	~0816Hrs	26.0	1.46	0.28	0.55	0.007	8.0	MET
Reservoir 10/05/2015 ~0715Hrs 25.8 0.00 3.48 0.00 0.004 7.5 1912 W. 259th PI 26314 S Monte Vta. 2500 PCH 7.5 7.5 7.5	⋖		2052 Dawn St	10/05/2015	~0752Hrs	26.3	1.62	0.41	0.54	0.006	7.9	MET
			Reservoir	10/05/2015	~0715Hrs	25.8	0.00	3.48	0.00	0.004	7.5	Well/MET Blend
	13-1		1912 W. 259 th PI									
	13-2	01	26314 S Monte Vta.									
	13-5	10	2500 PCH									

This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: ____10/02/2015

N. 252 rd St 10/02/2015	Location	Sample Date	Collection	Тетр	Combined	Free Chlorine	Total Ammonia	Nitrite	ЬН	Comments/Corrective Actions/Others
10/02/2015 ~0950Hrs 26.5 0.00 1.62 0.00 5.9 10/02/2015 ~0820Hrs 26.3 0.00 1.46 0.00 0.005 7.5 10/02/2015 ~0840Hrs 26.0 0.00 1.89 0.00 0.004 8.0 10/02/2015 ~0800Hrs 26.3 0.00 0.43 0.00 0.004 8.0 10/02/2015 ~0800Hrs 25.8 0.00 2.22 0.00 0.004 7.8		MM/DD/YYYY	am/pm	၁,	mg/L	mg/L	mg/L	mg/L		
10/02/2015 ~0820Hrs 26.3 0.00 1.46 0.00 0.005 7.5 10/02/2015 ~0840Hrs 26.0 0.00 1.89 0.00 0.004 8.0 10/02/2015 ~0800Hrs 25.8 0.00 2.22 0.004 7.8 10/02/2015 ~0800Hrs 25.8 0.00 2.22 0.004 7.8	1, 252 nd St	10/02/2015	~0950Hrs	26.5	0.00	1.62	00.00	0.003	7.9	Well/MET Blend
10/02/2015 ~0840Hrs 26.0 0.00 1.89 0.00 0.004 8.0 10/02/2015 ~0800Hrs 26.3 0.00 0.43 0.00 0.004 8.0 10/02/2015 ~0800Hrs 25.8 0.00 2.22 0.00 0.004 7.8	S Moon Av	10/02/2015	~0820Hrs	26.3	0.00	1.46	0.00	0.005	7.5	Well/MET Blend
10/02/2015 ~0800Hrs 26.3 0.00 0.43 0.00 0.004 8.0 25.2 0.00 0.004 8.0 0.00	Pennsylvania	10/02/2015	~0840Hrs	26.0	0.00	1.89	0.00	0.004	8.0	Well/MET Blend
10/02/2015 ~0800Hrs 25.8 0.00 2.22 0.00 0.004 7.8 59 th PI onte Vta.	Dawn St	10/02/2015	~0800Hrs	26.3	0.00	0.43	0.00	0.004	8.0	Well/MET Blend
N. 259 th PI S Monte Vta.	voir	10/02/2015	~0800Hrs	25.8	0.00	2.22	0.00	0.004	7.8	Well/MET Blend
S Monte Vta.	W. 259 th PI									
НЭС	1 S Monte Vta.									
	РСН									
le Cod	the state of the s	# 2C Sample Location I.D Inits> Units> Units> Units> D \$13-003 1948 W. 252 nd St 2 D \$13-004 24632 S Moon Av 3 D \$13-008 25417 Pennsylvania Av Av D A 2052 Dawn St ESSERVOIR D 13-1 1912 W. 259 th Pl 7 D 13-2 26314 S Monte Vta. 8 D 13-5 2500 PCH Notes: 2C for Sample Code; 3Z for Zone.		Sample Coll Date T 10/02/2015 ~09 10/02/2015 ~08 10/02/2015 ~08 10/02/2015 ~08	Sample Collection Date Time MMINDD/YYYY am/pm 10/02/2015 ~0950Hrs 10/02/2015 ~0840Hrs 10/02/2015 ~0800Hrs 10/02/2015 ~0800Hrs	Sample Collection Temp Collection Date Time Time "C 10/02/2015 ~0950Hrs 26.5 10/02/2015 ~0840Hrs 26.3 10/02/2015 ~0800Hrs 26.3 10/02/2015 ~0800Hrs 25.8	Sample Collection Temp Combined Date Time Chlorine MM/DD/YYYY am/pm °C mg/L 10/02/2015 ~0950Hrs 26.5 0.00 10/02/2015 ~0820Hrs 26.3 0.00 10/02/2015 ~0800Hrs 26.3 0.00 10/02/2015 ~0800Hrs 25.8 0.00	Sample Collection Temp Combined Free Date Time Chlorine 10/02/2015 ~0820Hrs 26.3 0.00 1.46 10/02/2015 ~0800Hrs 26.3 0.00 1.89 10/02/2015 ~0800Hrs 26.3 0.00 2.22	Sample Collection Temp Combined Chlorine Free Total Chlorine Date Time Chlorine Chlorine Ammonia 10/02/2015 ~0950Hrs 26.5 0.00 1.62 0.00 10/02/2015 ~0820Hrs 26.3 0.00 1.46 0.00 10/02/2015 ~0800Hrs 26.3 0.00 0.43 0.00 10/02/2015 ~0800Hrs 25.8 0.00 2.22 0.00	Sample Date Collection Temp Combined Date Free Total Chlorine Mawdell Chlorine Ammonia Chlorine Chlorine Chlorine May Mamonia 10/02/2015 ~0950Hrs 26.3 0.000 1.62 0.000 0.003 Mitrite May

¹This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.

'NITRIFICATION MONITORING DATA SUMMARY REPORT CITY OF LOMITA, System No. 1910073 Month, Year: 10/01/2015

S13-004 24632 S Moon Av S13-008 25417 Pennsylvania Av	M 01 01		am/pm ~0950Hrs ~1030Hrs	°C °C 27.1 27.1 27.1 27.8	Combined Chlorine mg/L 0.00	Free Chlorine mg/L 0.89 0.14	Total Ammonia mg/L 0.00 0.00	Nitrite mg/L 0.004 0.006 0.005	7.5 7.5 7.5	Comments/Corrective Actions/Others Well/MET Blend Well/MET Blend
2052 Dawn St	10/01/2015	2015	~1015Hrs	27.7	0.00	0.00	0.21	0.033	7.7	Well/MET Blend
Reservoir	10/01/2015	2015	~0800Hrs	26.0	00.00	2.2	00.00	0.004	7.6	Well/MET Blend
1912 W. 259 th PI										
26314 S Monte Vta.	ä									
2500 PCH										

¹This Report needs to be submitted to the Drinking Water Division of the State Water Resources Control Board by the 10th of the month following sampling.



06 November 2015

Clinical Lab No.:

15J2513

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/30/15 . 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



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order:

15J2513

Received: 10/30/15 15:45 Reported: 11/06/15

1948 W 252nd St		15J2513-	01 (Water)		Sample Date	te: 10/30/15	6:36	Sampler: 1	David Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.7		N/A	mg/L	10/30/15	10/30/15	1544564	
Microbiology Analyses									
Plate Count	SM9215B	ND	i	500	CFU/ml	10/30/15	11/01/15	1545011	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/30/15	10/30/15	1544550	
24632 S Moon Ave		15J2513-0	2 (Water)		Sample Dat	e: 10/30/15	7:02 S	sampler: I	David Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.9		N/A	mg/L	10/30/15	10/30/15	1544564	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/15	11/01/15	1545011	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/30/15	10/30/15	1544550	
25417 Pennsylvania Ave.		15J2513-0	3 (Water)		Sample Date	e: 10/30/15	7:31 S	ampler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	2		N/A	mg/L	10/30/15	10/30/15	1544564	
Vicrobiology Analyses									
Plate Count	SM9215B	ND	i	500	CFU/m1	10/30/15	11/01/15	1545011	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/30/15	10/30/15	1544550	



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/30/15 15:45

15J2513

Reported: 11/06/15

2052 Dawn St		15J2513-(04 (Water)		Sample Da	ate: 10/30/1	5 6:10 Sa	impler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.4		N/A	mg/L	10/30/15	10/30/15	1544564	
Microbiology Analyses									
Plate Count	SM9215B	9	1	500	CFU/mI	10/30/15	11/01/15	1545011	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/30/15	10/30/15	1544550	
Reservoir Effluent Site #5		15J2513-0	5 (Water)		Sample Da	ite: 10/30/15	8:20 Sa	mpler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.89		N/A	mg/L	10/30/15	10/30/15	1544564	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/15	11/01/15	1545011	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.8		N/A	pH Units	10/30/15	10/30/15	1544550	
pri (Lao)				2 72 0 10 -					
HT-08 Analysis performed outside of	frecommended 8 hour hold	time but within	required 24 hou	r hold time	ì.				
				r hold time					

Client		City of Lomita	Ş	stem N	System Number	*	Ana	Analysis	Requ	Requested	70	12 12 12 12 12 12 12 12 12 12 12 12 12 1		
Address		24373 Walnut Avenue		10,	24001									
		Lomita, CA 91717		20	1910013									
Phone #		(310) 325-9830		estinati	Destination Laboratory	tory	Het							
Fax #		(310) 325-3627		X] Clinic	[X] Clinical Laboratory	tory	etro				C			
Project		Standard Analysis		RWGCB	RWQCB Compliance	90	phi		-		olor	Ni	Ni	
Sub Project		Lomita Distribution Special Sample	# A	11	No ELAP#		c Plate	РН	Orth	ıs- Tot	& Od	itrite	itrate	
Comments					000		Co		-	-	or		T	
Sampled by	y	DAVIS HUERLA			1088	Fre	unt	100	-	-				
Date	ě	Sample Idenitification	2	Туре	Preserv	Chlorine								Comments / P.S. Codes
10/30/2015	6.36Am	1948 W. 252nd St.	DW	D4	1.7	1.7	×							
10/30/2015	6.34 P	1948 W. 252nd St.	DW	D4	X	1.7		×						
10/30/2015	7:07A.	7	DW	D4	1.7	6.	×			-				
10/30/2015	7:01 A	24632 S. Moon Ave.	DW	D4	NA	6.	(×						
10/30/2015	7:314	25417 Pennsylvania Ava	DW	D4	1,7	200	×			-				
10/30/2015	-		DW	D4	AN	0.2		×						
10/30/2015	6:10	2052 Dawn St.	DW	D4	1,7	۱.۲	×							
10/30/2015	6: 10 AM	2052 Dawn St.	DW	D4	N.	1.4		×						
10/30/2015		Reservoir Effluent Site #5	DW	D4	1,7	18.1	×							
10/30/2015	0,950	Reservoir Effluent Site #5	DW	D4	AN A	1.89	ĪÜ	×						
Preservative	S: (1) Na ₂ S	Preservatives: (1) $Na_2S_2O_3$ (2) HCI (3) HNO3 (4) NH4CI		Matrix	DW-Drin	king Water,	WW-I	Vaste	Water	SW-S	torm	Water	r, GW.	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW- Ground Water, A-Air
(5) HZS	04 (6) Naz) Cold (8) Oth			Type-	Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special	2-Rep	eat, 3-	Repla	emen	t, 4-5	pecial	W-W	W-Well D- Dist.
Kelingi	Relinquished By (Sign)	(Sign) Print Name / Company			Date / Time	Time		``	Rege	Received By Sign)	V/Sig	(m)		Print Nume / Company
5	1			10/30/15	-511	(211	2	2	y	S	90	and	1	D. Chana, Just
K	dro	Our City of Lomita		1		345		1	1	7	2	1	1	
Comments:	;s:	D. Chapavio / Ce	158			Samples received. Ten	receiv	red:	P	On ice	3 ·	()F (act (() Custody seals
											-			

"Your Water and Wastewater Analysis Solution"



06 November 2015

Clinical Lab No.:

15J2511

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/30/15 . 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



Lomita, City of

24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/30/15 15:45

15J2511

Reported: 11/06/15

A set is a									
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.1		N/A	mg/L	10/30/15	10/30/15	1544562	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/15	11/01/15	1545011	
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.9		N/A	pH Units	10/30/15	10/30/15	1544550	
2500 Pacific Coast Highway (S13-005 Z	Cone 2)	15J2511-0	2 (Water)		Sample Da	ate: 10/30/15	8:40 Sa	ampler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.5		N/A	mg/L	10/30/15	10/30/15	1544562	
Microbiology Analyses					mg/ =		10/00/12	1344302	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/30/15	11/01/15	1545011	
General Chemical Analyses								25,359,15	
pH (Lab)	SM 4500HB	7.9		N/A	pH Units	10/30/15	10/30/15	1544550	
6314 S. Monte Vista Ave. (S13-002 Zon	e: 3)	15J2511-03	3 (Water)		Sample Da	te: 10/30/15	9:08 Sa	mpler: Da	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
ield Analyses									***************************************
Cl Res Total (Field)	Field	2.5		N/A	mg/L	10/30/15	10/30/15	1511563	
licrobiology Analyses					mg/L	14.00/14	10/20/13	1544562	
Plate Count	SM9215B	ND	i	500	CFU/ml	10/30/15	11/01/15	1545011	
eneral Chemical Analyses							207397		
pH (Lab)	SM 4500HB	8.0		N/A	pH Units	10/30/15	10/30/15	1544550	
pH (Lab) was analyzed ASAP but rece					E SP SERVICE	12170175	San Sal Par	IVT#JJJV	

3/017 Chain of Custody

Address Phone # Fax #			A STATE OF THE PARTY OF THE PAR	The state of the s		The state of the s	3111	のの人のこれ		1000	The second second		· 日本の大の大の中の大の中の大山の大田の大田の大田の大田の中の中の大田の大田の大田の大田の大田の大田の大田の大田の大田の大田の大田の大田の大田の	The state of the s
Phone #	2	24373 Walnut Avenue		7	001			-		_				
Phone # Fax #		Lomita, CA 91717		137	1910073	~			+					
## **		(310) 325-9830	9	estinatio	Destination Laboratory	tory	He	- 10.	-					
		(310) 325-3627		(] Clinica	[X] Clinical Laboratory	torv	tetr	1.517.6	- 17		C			
Project		Standard Analysis		NVOCB	RWQCB Compliance	92	ophi				olor	N	N	
Sub Project	Lomita.	Lomita Distribution Special Sample	111111111111111111111111111111111111111	T	No ELAP#		e Plate	PH	e- Orti	ıs- To	& Oc	itrite	itrate	
Comments						100 100 100 100 100 100 100 100 100 100	e Co	201	-		lor			
Sampled by	DAVI	David Hearta		=	1088		unt		-	-				
Date Time		Sample Identification	Matrix	Č	Preserv	Total							Comments	Comments / P.S. Codes
10/30/2015 9132pm	11 22	1912 W. 259th St. (S13-001 Zone: 2)	DW	D4	1.7	17	×		-					
10/30/2015 7: 52 pm		1912 W. 259th St. (\$13-001 Zone: 2)	DW	D4	NA	17		×	-					
10/30/2015 8:40	2500 Pag	8:40 pt 2500 Pacific Coast Highway (S13-005	DW	D4	1,7	2.5	×		-					
10/30/2015 8.4	6# 2500 Pag	8.464 2500 Pacific Coast Highway (S13-005	DW	D4	NA	2.5		×	-					
10/30/2015 9:0	740 26314 S. N	10/30/2015 q. oyar 26314 S. Monte Vista Ave (S13-002 Zone:	DW	D4	1,7	5.2	×							
10/30/2015 9:08 AM	SAM	3)	DW	D4	NA	2.5		×	H					a
8														
Preservatives: (1)	Na ₂ S ₂ O ₃ (2) HCI	(1) Na ₂ S ₂ O ₃ (2) HCi (3) HNO ₃ (4) NH4Ci		Matrix:	DW-Drink	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water.	WW-N	Vaste	Vater,	SW-St	orm V		GW- Ground Water A.Air	A-Air
(5) H2SO4 (6)	(5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:	ld (8) Other:			Type- 1	Type- 1-Routine, 2	-Repe	at, 3-k	Replac	ement,	4-Sp			, 0.00
Relinquished By (Sign)	By (Sign)	Print Name / Company			Date / Time				Recei	Received By (Sign)	(Sign	6	Print Name	Print Name / Company
B	7			10/3	30/15 -	1210		1	100	190	2	x .	C. 18	96.7
100		City of Lomita		3		345		. /	1	P	1	M	1000	10/600
Commonts: "	pune	Of raparts (cests	Ø		31	Samples received:	eceiv	ed: Temp	- 0 a	e je	13-	Intact		y seals
Shipped Via		Fed X Golden State	SUL	-	Client	Other							Page 1 of	,

"Your Water and Wastewater Analysis Solution"



06 November 2015

Clinical Lab No.:

15J2460

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/29/15 . 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

testes



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/29/15 15:25

15J2460

Reported:

1948 W 252nd St		15J2460-	01 (Water)		Sample D	ate: 10/29/15	7:02 S	ampler: [David Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.6		N/A	mg/L	10/29/15	10/29/15	1544524	
Microbiology Analyses									
Plate Count	SM9215B	ND	ì	500	CFU/ml	10/29/15	10/31/15	1544578	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/29/15	10/29/15	1544532	
24632 S Moon Ave		15J2460-0	2 (Water)		Sample Da	ate: 10/29/15	7:23 Sa	impler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
CI Res Free (Field)	Field	1.8		N/A	mg/L	10/29/15	10/29/15	1544524	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/29/15	10/31/15	1544578	HT-08
General Chemical Analyses		X							
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/29/15	10/29/15	1544532	
25417 Pennsylvania Ave.		15J2460-0.	3 (Water)		Sample Da	te: 10/29/15	7:50 Sa	mpler: Da	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.9		N/A	mg/L	10/29/15	10/29/15	1544524	
Microbiology Analyses					0.70				
Plate Count	SM9215B	ND	1	500	CFU/ml	10/29/15	10/31/15	1544578	
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/29/15	10/29/15	1544532	



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/29/15 15:25

15J2460

Reported: 11/06/15

2052 Dawn St		15J2460-0	04 (Water)		Sample Da	ate: 10/29/15	6:40 S	ampler:	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.6		N/A	mg/L	10/29/15	10/29/15	1544524	
Microbiology Analyses									
Plate Count	SM9215B	4	1	500	CFU/ml	10/29/15	10/31/15	1544578	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/29/15	10/29/15	1544532	
Reservoir Effluent Site #5		15J2460-0	5 (Water)		Sample Da	te: 10/29/15	9:30 Sa	impler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.9		N/A	mg/L	10/29/15	10/29/15	1544524	
Microbiology Analyses								11003483	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/29/15	10/31/15	1544578	
General Chemical Analyses									
General Chemical Analyses pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/29/15	10/29/15	1544532	
			n required 24 hou			10/29/15	10/29/15	1544532	
pH (Lab)	recommended 8 hour hold t	ime but within				10/29/15	10/29/15	1544532	

Address Phome #		City of Lomita		System Number	Viimbor		<		ſ		A STATE OF	100000000000000000000000000000000000000	
# 54040	!	24373 Walnut Ayenue					ž _	Analysis Requested	Kedn	estec		_	
4 040		Lomita, CA 91717		19	1910073	3							
‡ 0 2		(310) 325-9830	200-100 210-100 201	Doction	Doctination		He		-				
Fax #		(310) 325-3627		IXI Clini	EXI Clinical Laboratory	arony.	eteti	Uta	-		- 9		
Project		Standard Analysis	100 mm m m m m m m m m m m m m m m m m m	RWOCE	RWQCB Compliance	atory	roph	II DIS			Colo	-	7
Sub Project		Lomita Distribution Special Sample	a)dı.	i.	No FIAD #		ic Pla	PH	te- Or	rus- T	r & O	Vitrite	Nitrate
Comments							te C	1 30	-		dor	-	2
Sampled by		DAVID HVERTA		_	1088	77.00	ount	IIds		-			
Date	Time	0100000000	W	Rype	Preserv	Chlorine	1						Comments / P.S. Codes
10/29/2015	7:02am	1948 W. 252nd St.	MO	2			>	+					
10/29/2015	7:02 AV		MU	5 2	,,,	٠ ڊ	<	1	-			+	
10/29/2015	7:2800		DW	3	VV.	3	;	×				+	
10/29/2015	7:9 \$ 400		NO.	40	1,7		×		1				
	7. 6		A	40	AN	٠.		×					
		25417 Pennsylvania Ave.	MQ	04	1,7	6.	×						
			DW	D4	NA	6.1		×				-	
	7400		DW	D4	1.7	٩	×				1	+	
	Lo you	2052 Dawn St.	DW	D4	NA	- 2		×	-		1	Ť	
	9.30 m	Reservoir Effluent Site #5	DW	D4	17	0	>	:	1			+	
10/29/2015 4	9530 pm	M Reservoir Effluent Site #5	DW	D4	NA	1.9	4	×					
												Н	
reservatives:	(1) Na ₂ S	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI		Matrix	DW.Drink	Matrix: DW. Drinking Water 1904 145	14/4/ 14	- 1					
(5) H2SO4	(6) Naz				Type-	Type- 1-Routine 2-Reneat 3-Renlacement 4 Section	-Rene	at 3.B.	arer,	W-Sto	W mu		GW- Ground Water, A-Air
Relinquished By (Signa)	hed By	(Sign) Print Name / Company	mpany		Date / Time	Time		N. C.	eceive	Received By (Sign.	Sign.	cial n	W-Well D-Dist.
1				21/62/01	1.51/	12.7	20	7	2	0			(undum)
M	3	City of Lomita	ita		1		F	1	1	1	1	1	
Comments:		CSB	,	1/24	1.35.2	3. Samples received: (C)On ice	eceiv	ed: (K	100 T	1	(,) Intact	Intac	t (9) Custody seals
Shipped Via		Fed X Golden State	Ī	l VPS	Client	1 Other		L	1				7

"Your Water and Wastewater Analysis Solution"



06 November 2015

Clinical Lab No .:

15J2459

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/29/15. 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



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/29/15 15:25

15J2459

Reported: 11/06/15

1912 W. 259th PI (S13-001 Zone: 2)		15J2459-	01 (Water)		Sample D	ate: 10/29/1	5 9:00 5	Sampler:	David Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.7		N/A	mg/L	10/29/15	10/29/15	1544523	
Microbiology Analyses							1000000	1377323	
Plate Count	SM9215B	1	1	500	CFU/ml	10/29/15	10/31/15	1544578	
General Chemical Analyses							4000012	1241370	
pH (Lab)	SM 4500HB	7.9		N/A	pH Units	10/29/15	10/29/15	1544532	
2500 Pacific Coast Highway (S13-005 Z	Zone 2)	15J2459-0	2 (Water)		Sample Da	ite: 10/29/15	8:19 S	ampler: [David Huerta
Analyte	Method	Result	Rep, Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.6		N/A	mg/L	10/29/15	10/29/15	1544523	
Microbiology Analyses				7.62.2		*********	10/2//13	1544525	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/29/15	10/31/15	1544578	
General Chemical Analyses								1344376	
pH (Lab)	SM 4500HB	8.0		N/A	pH Units	10/29/15	10/29/15	1544532	
26314 S. Monte Vista Ave. (S13-002 Zon	ie: 3)	15J2459-03	3 (Water)		Sample Dat	te: 10/29/15	8:41 Sa		avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
ield Analyses									No mange
Cl Res Total (Field)	Field	2.1		N/A	mg/L	10/29/15	10/29/15	1544523	
licrobiology Analyses					HIE/L	10/27/13	10/27/13	1544323	
Plate Count	SM9215B	1	1	500	CFU/ml	10/29/15	10/31/15	1544578	
eneral Chemical Analyses				200	Cr O/till	27.19	10/21/12	1344378	
pH (Lab)	SM 4500HB	8.0		N/A	pH Units	10/29/15	10/29/15	1544532	
pH (Lab) was analyzed ASAP but rece	rived and analyzed o	act the 15 min.	ita hald time	- 100.0	F Sinta	-1G31 #4	12/4/112	1544552	

Analyte NOT DETECTED at or above the reporting limit

ND

3/0/3 Chain of Custody

200	3 11	のど
10	1	1
	1	0

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita	Sys	tem N	System Number		Anal	Analysis Requested	Seque	sted			
Address		24373 Walnut Avenue		70	0010				15000		_		
		Lomita, CA 91717		3	1910073							-	
Phone #	2010-10 2010-1	(310) 325-9830	ā	stinatic	Destination Laboratory	tory	Het	Т	-	Ph			
Fax#		(310) 325-3627	۵	(] Clinic	[X] Clinical Laboratory	tory	etro	otal	_	osp	C		
Project		Standard Analysis		WQCB	RWQCB Compliance	90,	-		_	horu		-	
Sub Project		Lomita Distribution Special Sample	27 - 27 - 27 - 27 - 27 - 27 - 27 - 27 -	Ti i	No ELAP#	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	c Plate	olved PH	- Ortl	ıs- To	& Od	itrate itrite	
Comments							e Co	Soli	-	tal a	lor	H	
Sampled by	λ	David Huerta			1088		unt	ds		s P		_	
Date	Time	Sample Idenitification	Matrix	Z, b		Total							Comments / P.S. Codes
10/29/2015	4:00 AV	1912 W. 259th St. (S13-001 Zone: 2)	DW	D4	1,7	2.7	×					+	
10/29/2015 9:00Am	9: DOAM	1912 W. 259th St. (S13-001 Zone: 2)	DW	D4	NA	7.7		×				H	
	8:19	2500 Pacific Coast Highway (S13-005	DW	D4	1,7	2.6	×	-				-	
10/29/2015	8.19 Am		DW	D4	NA	2.6		×			1	+	
10/29/2015	8:41m		DW	D4	1,7	1.1	×				T	F	
10/29/2015	8:4 m	3)	DW	D4	NA	1.2		×					
-,												H	
											+	-	
							T	ł			H	+	
Preservatives:	: (1) Na2	(1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI		Matrix:	DW-Drink	ing Water.	WW-W	aste W	afer.	W-Sto	rm W	tor G	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW. Ground Water, A Air
(5) H2S(34 (6) Na.) Cold (8) Other			Type- 1	1-Routine,	2-Repe	at, 3-R	splace	ment,	4-Spec	ial W	Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D- Dist.
Relingu	Relinquished By (Sign)	(Sign) Print Name / Company			Date / Time	Time		*	eceive	Received By (Sign)	(Sign)		Print Name / Company
4				10/29	115/	(2,3	3	N	5	3		100	C(SB
1/10	10	City of Lomita	7	10/	11/2	3/1/5	1	1		R	7	1	KINN CS
Comments:	}					Samples received: (*) On ice Temp 13	eceiv.	ed: K)On	ice	£3	Intact	$\frac{1}{2}$
Shipped Via		Fed X Golden State	I I UPS	-	Client	Other	Ш		N				Page 1 of 1
													1 1 2

"Your Water and Wastewater Analysis Solution"



04 November 2015

Clinical Lab No .:

15J2343

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/28/15 . 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



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/28/15 15:45

15J2343

Reported: 11/04/15

1948 W 252nd St		15J2343-0	01 (Water)		Sample D	ate: 10/28/15	7:45 S	sampler:	Daniel Mateil
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1,44		N/A	mg/L	10/28/15	10/28/15	1544444	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/28/15	10/30/15	1544561	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/28/15	10/28/15	1544378	
24632 S Moon Ave		15J2343-0	2 (Water)		Sample Da	nte: 10/28/15	9:30 S	ampler: [Daniel Mateik
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.51		N/A	mg/L	10/28/15	10/28/15	1544444	
Microbiology Analyses									
Plate Count	SM9215B	ND	T	500	CFU/ml	10/28/15	10/30/15	1544561	
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/28/15	10/28/15	1544378	
25417 Pennsylvania Ave.		15J2343-0.	3 (Water)		Sample Da	te: 10/28/15	8:00 Sa	mpler: D	aniel Mateik
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
CI Res Free (Field)	Field	1.49		N/A	mg/L	10/28/15	10/28/15	1544444	
Vicrobiology Analyses									
Plate Count	SM9215B	ND	- t	500	CFU/ml	10/28/15	10/30/15	1544561	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.6		N/A	pH Units	10/28/15	10/28/15	1544378	



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/28/15 15:45

15J2343

Reported: 11/04/15

2052 Dawn St		15J2343-0	4 (Water)		Sample D	ate: 10/28/15	5 7:30 S	ampler: D	Daniel Mateil
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.4		N/A	mg/L	10/28/15	10/28/15	1544444	
Microbiology Analyses									
Plate Count	SM9215B	3	ì	500	CFU/ml	10/28/15	10/30/15	1544561	HT-08
General Chemical Analyses									xo
pH (Lab)	SM 4500HB	7.6		N/A	pH Units	10/28/15	10/28/15	1544378	
Reservoir Effluent Site #5		15J2343-05	5 (Water)		Sample Da	ite: 10/28/15	9:50 Sa	ımpler: Da	aniel Mateik
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.8		N/A	mg/L	10/28/15	10/28/15	1544444	
								(233.6)	
Microbiology Analyses									
Microbiology Analyses Plate Count	SM9215B	ND	1	500	CFU/ml	10/28/15	10/30/15	1544561	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/28/15	10/30/15	1544561	
	SM9215B SM 4500HB	ND 7.7	1	500 N/A	CFU/ml	10/28/15 10/28/15	10/30/15 10/28/15	1544561	
Plate Count General Chemical Analyses pH (Lab)		7,7	required 24 hour	N/A	pH Units				
Plate Count General Chemical Analyses pH (Lab) HT-08 Analysis performed outside	SM 4500HB	7.7		N/A	pH Units				

Address		City of Lomita	S	stem A	System Number		An	Analysis	Rom	Redillector	7			
		24373 Walnut Avenue		•					-	200			10000 10000	
		Lomita, CA 91717		19	1910073	က								
Phone #		(310) 325-9830	10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	estinati	Destination Laboratory	Pforv	He		-					
Fax #		(310) 325-3627		XI Clinic	[X] Clinical Laboratory	atory	tetr				(
Project		Standard Analysis	THE TOTAL OF THE PARTY OF THE P	RWQCB	RWQCB Compliance	904	oph			-	Colo	N	N	
Sub Project	8	Lomita Distribution Special Sample	4 100 4 100 50 min 4 100 4 100 4 100 6	1	No El AB#		ic Pla	PH	e- Or	us- To	r & O	Nitrite	litrate	
Comments	n				5		te C	. 50			dor			
Sampled by	<u>ام</u>	(mRO)		_	1088	1	ount			-				
Date	9 E	Sample Idenitification	Materix	Type	Preserv	Chloring								Comments / P.S. Codes
10/28/2015	Ø745	1948 W. 252nd St	DW	74		1 44	>							
10/28/2015	8745		DW	1		0/11	<	,	+					
10/28/2015	100	2	DW	10	W.		3	<	+	1				
10/28/2015	693K		DAN	100		100	<	;	+	-				
10/28/2015	0880		MO	5	Y.	100	>	<	+	+				
10/28/2015	0800	2541/ Fennsylvania Ave.	MO	04	· ×	5/1/0	<	>	+					
10/28/2015	0570	2052 Dawn St.	DW	P4	17	1 40	>	<	+				1	
10/28/2015	8736	2052 Dawn St.	MO	D4	, v	1. CM	<	>		1			1	
10/28/2015	6950	Reservoir Effluent Site #5	DW	D4	17	100	×	<	+					
10/28/2015	9560	Reservoir Effluent Site #5	DW	D4	Y.	1.80		×						
Preservative	S: (1) Na,S	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI		Matriv	DIM Drin	Vince Mater	14/14/							
(5) H2SO4	04 (6) Na2	(6) Na2SO3 (7) Cold (8) Other:		Wanty.	Type	Type- 1-Routine 2-Repeat 3-Renfacement 4 Secret	2-Ren	Waste V	Vater	SW-S	d en	Nater	GW- Gr	Type- 1-Routine 2-Repeat 3-Replacement 4 Secret Mater, 6W- Ground Water, A-Air
	ishdy By (Sign)	(Sign) Print Name / Company			Date/	Time			Recei	and By	Sign (Sign	a con	M-Well	D-UIST.
**	7	J'hucon/cco		21-82-01	3-15/	3.45		(1	6	6	1		Time rame Company
SACI	N N	NATETE City of Lomita		10-2	8-19	12:45		1	K	Z	1		٢	1000 M
Comments:	:					Samples received: y	recei	Temp	8	b ice	8-	A Intact	ر ا	Custody seals
Shipped Via		Fed X Golden State	110	l San	Client	Other	-						1	Page 1 of 1

"Your Water and Wastewater Analysis Solution"



04 November 2015

Clinical Lab No.:

15J2344

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/28/15 . 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



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order: Received: 10/28/15 12:45

15J2344

11/04/15 Reported:

1912 W. 259th PI (S13-001 Zone: 2)		15J2344-	01 (Water)		Sample D	Date: 10/28/1	5 8:20 S	Sampler:	Daniel Mateil
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2,1		N/A	mg/L	10/28/15	10/28/15	1544453	
Microbiology Analyses									
Plate Count	SM9215B	ND	j.	500	CFU/ml	10/28/15	10/30/15	1544561	
General Chemical Analyses									
pH (Lab)	SM 4500HB	8.0		N/A	pH Units	10/28/15	10/28/15	1544378	
2500 Pacific Coast Highway (S13-005 Z	Zone 2)	15J2344-(02 (Water)		Sample Da	ate: 10/28/15	9:10 S	ampler: [Daniel Mateik
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	1.91		N/A	mg/L	10/28/15	10/28/15	1544453	
Microbiology Analyses								1344433	
Plate Count	SM9215B	ND	1	500	CFU/ml	10/28/15	10/30/15	1544561	
General Chemical Analyses								1931884	
pH (Lab)	SM 4500HB	8.1		N/A	pH Units	10/28/15	10/28/15	1544378	
6314 S. Monte Vista Ave. (S13-002 Zon	e: 3)	15J2344-0	3 (Water)		Sample Da	te: 10/28/15	8:37 Sa	mpler: D	aniel Mateik
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
ield Analyses									
Cl Res Total (Field)	Field	2.1		N/A	mg/L	10/28/15	10/28/15	1544453	
licrobiology Analyses						and the state of t			
Plate Count	SM9215B	ND	i	500	CFU/ml	10/28/15	10/30/15	1544561	
eneral Chemical Analyses									
pH (Lab)	SM 4500HB	8.1		N/A	pH Units	10/28/15	10/28/15	1544378	
pH (Lab) was analyzed ASAP but rece	ived and analyzed p	ast the 15 min	ute hold time						
ND Analyte NOT DETECTED at or above			non time.						

3 | \$ | 3 Chain of Custody

1525344

Clinical Laboratory of San Bernardino, Inc.

Client		City of Lomita	Sys	tem N	System Number	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Analy	Analysis Requested	sanba	ted	2000 2000 2000 2000 2000 2000 2000 200	10000 10000 10000 10000	
Address		24373 Walnut Avenue		2	0010								
		Lomita, CA 91717	•	2	1910073								
Phone #		(310) 325-9830	ă	stinatic	Destination Laboratory	fory	Het	To	-	Ph	_		
# * *	* 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	(310) 325-3627	d	() Clinic	[X] Clinical Laboratory	tory	etro	otal		-	C		
Project		Standard Analysis	.	WQCB	RWQCB Compliance	92	-		-		-	-	
Sub Project	Lomin	Lomita Distribution Special Sample	10 10 10 10 10 10 10 10 10 10 10 10 10 1	II.	No ELAP#		c Plate	olved PH	- Orth	is- Tot	itrite & Od	trate	
Comments							Co	Soli	-	-	or		
Sampled by		Wym		-	1088		unt	ds	-	s P			
Date	9	Sample Idenitification	Walrix	Š	Preserv	Total Chlorine							Comments / P.S. Codes
10/28/2015	J826 1912 V	1912 W. 259th St. (S13-001 Zone: 2)	DW	D4	1,7	7:7	×				₽	4	
10/28/2015 08/20		1912 W. 259th St. (S13-001 Zone: 2)	DW	D4	NA	2.1		×		H	H	-	
10/28/2015	-	2500 Pacific Coast Highway (S13-005	DW	D4	1,7	187	×	-		t	-		
		2500 Pacific Coast Highway (S13-005	DW	D4	NA	161		×	İ		H	-	
10/28/2015	Ø837 26314 S.	26314 S. Monte Vista Ave (S13-002 Zone:	DW	D4	1,7	7.1	×					-	
10/28/2015	5837	3)	DW	D4	NA	2.1	^	×		H			
										H			
							+			H	H		
								H			H	Н	
											+		
Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO ₃) Na ₂ S ₂ O ₃ (2) H	CI (3) HNO3 (4) NH4CI		Matrix:	DW-Drink		WW-Wa	ste Wa	ter, SN	/-Stor	m Wat	er, GV	GW- Ground Water, A-Air
8	(6) Na2SO3 (7) Cold (8) Other:	Cold (8) Other:			Type- 1	Type- 1-Routine, 2.	-Repea	2-Repeat, 3-Replacement, 4-Special	olacem	ent, 4	Speci	al W.	W-Well D- Dist.
Religion &	d By (Sign)	Print Name / Cympany			Date / 1	Time		2	ecqivedBy	185 ((Sign)		Print Name / Company
722	7	J. WCGIO/CESA	3	1-82-01	151-8	Shie	1	7	K	9	1	1	
Destre	MATELL	City of Lomita		10-2	81-8	112:45	X	13	3	2	M		2010 MCDEVIT
Comments:					•	Samples received	scelve	Cemp		3) Int	Intact) F &	() Custody seals
Shipped Via	-	Fed X Golden State	I I UPS	l Sa	Client	Other							Page_1_of_1_

"Your Water and Wastewater Analysis Solution"



30 October 2015

Clinical Lab No.:

15J2190

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/27/15. 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



Lomita, City of

24373 Walnut Avenue Lomita CA, 91717 Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order:

15J2190

Received: 10/27/15 14:45 Reported: 10/30/15

1948 W 252nd St		15J2190-	01 (Water)		Sample Da	ate: 10/27/15	7:18	Sampler:	David Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	2		N/A	mg/L	10/27/15	10/27/15	1544330	
Microbiology Analyses									
Plate Count	SM9215B	1	Ī	500	CFU/ml	10/27/15	10/29/15	1544530	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.6		N/A	pH Units	10/27/15	10/27/15	1544242	
24632 S Moon Ave		15J2190-0	2 (Water)		Sample Da	ite: 10/27/15	9:22	Sampler: I	David Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	2		N/A	mg/L	10/27/15	10/27/15	1544330	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/27/15	10/29/15	1544530	
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.6		N/A	pH Units	10/27/15	10/27/15	1544242	
25417 Pennsylvania Ave.		15J2190-0	3 (Water)		Sample Da	te: 10/27/15	7:40 S	Sampler: [David Huerta
Analyte	Method	Result	Rep. Limit	MČL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	2		N/A	mg/L	10/27/15	10/27/15	1544330	
Microbiology Analyses									
Plate Count	SM9215B	ND	-1	500	CFU/ml	10/27/15	10/29/15	1544530	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/27/15	10/27/15	1544242	



Lomita, City of

24373 Walnut Avenue Lomita CA, 91717 Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order:

15J2190

Received: 10/27/15 14:45 Reported: 10/30/15

2052 Dawn St			15J2190-0	04 (Water)		Sample Da	nte: 10/27/1:	5 6:50 S	ampler: D	avid Huerta
Analyte		Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses										
Cl Res Free (Fie	ld)	Field	1.4		N/A	mg/L	10/27/15	10/27/15	1544330	
Microbiology Ana	llyses									
Plate Count		SM9215B	7	χ	500	CFU/ml	10/27/15	10/29/15	1544530	HT-08
General Chemica	Analyses									
pH (Lab)		SM 4500HB	7.6		N/A	pH Units	10/27/15	10/27/15	1544242	
Reservoir Efflu	ent Site #5		15J2190-0	5 (Water)		Sample Da	te: 10/27/15	9:40 Sa	impler: Da	avid Huerta
Analyte		Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses										
Cl Res Free (Fiel	d)	Field	2		N/A	mg/L	10/27/15	10/27/15	1544330	
Aicrobiology Ana	lvses									
Plate Count		SM9215B	ND	1	500	CFU/ml	10/27/15	10/29/15	1544530	
General Chemical	Analyses									
pH (Lab)		SM 4500HB	7.7		N/A	pH Units	10/27/15	10/27/15	1544242	
Note pH (La	b) was analyzed ASAP but	received and analyzed p	ast the 15 min	ute hold time						
HT-08 Analys	is performed outside of reco	ommended 8 hour hold t	ime but withir	n required 24 hou	r hold time					
pH (La	b) was analyzed ASAP but	received and analyzed p	ast the 15 min	ute hold time.						

Client		City of Lomita	ŝ	stem	System Number		Ans	Analysis Reguested	Red	Hest	7			
Address		24373 Walnut Avenue		1	100				Y	_				
		Lomita, CA 91717		25	1910073	3						_		
Phone #		(310) 325-9830		estinat	Destination Laboratory	afore	He		-		D.		_	
# ×e L		(310) 325-3627		XI Clini	[X] Clinical Laboratory	atory	tetr							
Project		Standard Analysis	10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0	RWGCE	RWQCB Compliance	000	oph	-				-	-	
Sub Project	3	Lomita Distribution Special Sample			No FI AP#		ic Plat	PH	solved	us- To	r & O	Vitrite	litrate	
Comments	ø					100 100 100 100 100 100 100 100 100 100	e Co							
Sampled by	λe	DAVID HUERTA			1088	1	unt	(167)	-	-	-			
Date	Lime	Sample Idenitification	Matrix	Fype	Preserv	Total Chlorine	Common or							Comments / P.S. Codes
10/27/2015	7:18AM	1948 W. 252nd St.	DW	D4		2.0	>							
10/27/2015	1.18 AWA	1948 W. 252nd St.	DW	D4	Z	9.6	:	>			+		1	
10/27/2015		7	DW	2	17	200	×	<		+	+			
10/27/2015	9:22 pm	24632 S. Moon Ave.	MO	D4	Z	0.0	:	>	+	+	+	-		
10/27/2015			DW	5	1.7	2.0	×	<			+			
10/27/2015	7.40 pm	2341/ Fennsylvania Ave.	DW	D4	AN	2.0		>	+	+	-			
10/27/2015	6:50 pm	2052 Dawn St.	DW	10	1.7	5.1	×	<	+		-	-		
10/27/2015 6:500M	6.500M	2052 Dawn St.	DW	D4	Y Z	7.4	:	×		+				
10/27/2015 9:40m	9:40m	Reservoir Effluent Site #5	DW	D4	1.7	00	×	-	-	+	+	-		
10/27/2015	9.40 mm	Reservoir Effluent Site #5	DW	D4	NA	5.0		×						
Preservative	S: (1) Na ₂ S	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCl (3) HNO3 (4) NH4Cl		Matrix:	DW-Drin	king Water	WW.v	Vasto	Water	SIM	-	Moto	100	Matrix: DW-Drinking Water WW-Waste Water SW. Storm Water CW.
(5) H2S	O4 (6) Na2	1 -1			Type-	Type- 1-Routine,	2-Repeat,	eat, 3-F	Replan	emen	t. 4-S	Decia	, G.	3-Replacement, 4-Special W-Well D. Dist
Relingt	Relinquished Ry (Sigm	(Sigm) Print Name / Company			Date / Time			(Rece	ved B	By (Sign)	(11)		Print Name / Communication
	クル	J. Uccom / CLIB	~	10.27.15	1/51	2:00		1	1	B	1			AND MANUELLE
K	8	City of Lomita		10.23.1	1,500	245		1	S	D				
Comments:					_	Samples received: Te	receiv	Te E	X	30	2) Int	Intact	Custody seals
Shipped Via		Fod V Caldan Chart	Dura I I	100				1			1	-		

"Your Water and Wastewater Analysis Solution"



30 October 2015

Clinical Lab No.:

15J2191

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/27/15. 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



Lomita, City of 24373 Walnut Avenue Lomita CA, 91717

Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order:

15J2191 Received: 10/27/15 14:45

Reported:

10/30/15

1912 W. 259th PI (S13-00	1 Zone: 2)	15J2191-	01 (Water)		Sample D	ate: 10/27/1:	5 8:50 S	ampler: [David Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2		N/A	mg/L	10/27/15	10/27/15	1544331	
Microbiology Analyses									
Plate Count	SM9215B	ND	T	500	CFU/ml	10/27/15	10/29/15	1544530	
General Chemical Analyses									
pH (Lab)	SM 4500HB	8.0		N/A	pH Units	10/27/15	10/27/15	1544242	
2500 Pacific Coast Highw	ray (S13-005 Zone 2)	15J2191-0	02 (Water)		Sample Da	ate: 10/27/15	8:02 Sa	ampler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2		N/A	mg/L	10/27/15	10/27/15	1544331	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/27/15	10/29/15	1544530	
General Chemical Analyses									
pH (Lab)	SM 4500HB	8.0		N/A	pH Units	10/27/15	10/27/15	1544242	
26314 S. Monte Vista Ave.	(S13-002 Zone: 3)	15J2191-0	3 (Water)		Sample Da	ite: 10/27/15	8:25 Sa	mpler: D	avid Huerta
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Total (Field)	Field	2.4		N/A	mg/L	10/27/15	10/27/15	1544331	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/27/15	10/29/15	1544530	
General Chemical Analyses									
pH (Lab)	SM 4500HB	8.0		N/A	pH Units	10/27/15	10/27/15	1544242	
	zed ASAP but received and analyzed p	act the 15 min	ute hold time						
Note pH (Lab) was analy	zed ASAF out received and analyzed p	ast me 15 mm	ittie nota time						
	zed ASAP but received and analyzed p								

Page 2 of 2



Client	2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	City of Lomita	Svs	tem N	System Number	10000 10000	Ana	Analysis Reginested	Regi	directed	7	727		
Address		24373 Walnut Avenue							-	_			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		Lomita, CA 91717		191	1910073				-					
Phone #		(310) 325-9830	Ö	stinatio	Destination Laboratory	tory	Het		-	-				
Fax#		(310) 325-3627	×	Clinica	[X] Clinical Laboratory	tony	etro	- 141	-	-	C			
Project		Standard Analysis		WQCB	RWQCB Compliance	93	phi	37.00		_	olor	N	Ni	
Sub Project		Lomita Distribution Special Sample	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ii.	No ELAP#	1	c Plate	PH	e- Orth	ıs- Tot	& Od	itrite	itrate	
Comments							e Co	5011		-	or			
Sampled by		David Huerta			1088		unt		1000	-				
Date	Time	Sample Idenitification	Matrix	Dyn.	Preserv	Total							3	Comments / P.S. Codes
> 5102/22/01	8. Com	1912 W 259th St (\$13,001 Zone: 2)	MM	2		0	>							
	Z. C.		1	5 2	1,67	2.0	<	;	-	1				
100	0 - > 6Am			104	Y.	3		×						
10/27/2015	20.9	2500 Pacífic Coast Highway (S13-005	ρM	D4	1,7	5.0	×							
10/27/2015	20.8	2500 Pacific Coast Highway (S13-005	DW	D4	NA	2.0		×						
10/27/2015	8:15	26314 S. Monte Vista Ave (S13-002 Zone:	DW	D4	1,7	2.4	X							
10/27/2015	4:15	3)	DW	D4	NA	4.2		×						
									-					
Preservatives:	(1) Na ₂ 8	Preservatives: (1) Na ₂ S ₂ O ₃ (2) HCI (3) HNO3 (4) NH4CI (5) H2SO4 (6) Na ₂ SO3 (7) Cold (8) Other:		Matrix:	DW-Drini Type-	Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special	WW-1	WW-Waste Water, SW-Storm Water, 2-Repeat, 3-Replacement, 4-Special	Water	SW-S	t. 4-S	Wate	r, GW- G	GW- Ground Water, A-Air W-Well D- Dist
Relinguished By (Sign)	hed By	nt Name / Compan	1		Date / Time			. (Regeive	ved By	v (Sign)	(m		Print Name / Company
グン)		5. WCORD CUR		10.27	151.15	12:00		I	2	A	1	S.	1	THECHE TO I'VE
D	Z	City of Lomita		2.91	7.151	2:43		5	1	4	K		2	CASO MONTO
Comments).				/	Samples received: Ter	receiv	ved: 🛠	₹_	S, See) Int	Intact (Custody seals
			The state of the s							1				

"Your Water and Wastewater Analysis Solution"



30 October 2015

Clinical Lab No.:

15J1948

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

Project Name:

Standard Analysis

Sub Project:

Lomita Distribution Special Sample

Enclosed are the results of the analyses for samples received at the laboratory on 10/22/15. Samples were received within temperature range, in correct containers and preservation.

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

Sincerely,

Stu Styles



Lomita, City of

24373 Walnut Avenue Lomita CA, 91717 Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order:

15J1948

Received: 10/22/15 17:40 Reported: 10/30/15

1948 W 252nd St		15J1948-	01 (Water)		Sample D	ate: 10/22/1	5 7:54 S	ampler: I	Daniel Matei
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	2.2		N/A	mg/L	10/22/15	10/22/15	1543509	
pH (Field)	Field	7.5		N/A	pH Units	10/22/15	10/22/15	1543510	
Microbiology Analyses									
Plate Count	SM9215B	ND	ī	500	CFU/ml	10/22/15	10/24/15	1543580	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.8		N/A	pH Units	10/23/15	10/23/15	1543517	
24632 S Moon Ave		15J1948-0	2 (Water)		Sample Da	ate: 10/22/1:	5 9:00 Sa	ımpler: D	aniel Mateil
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.99		N/A	mg/L	10/22/15	10/22/15	1543509	
pH (Field)	Field	8		N/A	pH Units	10/22/15	10/22/15	1543510	
Microbiology Analyses									
Plate Count	SM9215B	ND	ì	500	CFU/ml	10/22/15	10/24/15	1543580	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.8		N/A	pH Units	10/23/15	10/23/15	1543517	
5417 Pennsylvania Ave.		15J1948-0	3 (Water)		Sample Da	te: 10/22/15	8:15 Sa	mpler: D	aniel Mateik
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
ield Analyses									
Cl Res Free (Field)	Field	2.06		N/A	mg/L	10/22/15	10/22/15	1543509	
pH (Field)	Field	8		N/A	pH Units	10/22/15	10/22/15	1543510	
licrobiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/22/15	10/24/15	1543580	HT-08
ieneral Chemical Analyses									



Lomita, City of

24373 Walnut Avenue Lomita CA, 91717 Project: Standard Analysis

Sub Project: Lomita Distribution Special Sample

Project Manager: Mark Andersen

Work Order:

15J1948

Received: 10/22/15 17:40 Reported: 10/30/15

2052 Dawn St		15J1948-0)4 (Water)		Sample Da	te: 10/22/15	7:30 Sa	ampler: D	aniel Mateil
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	1.89		N/A	mg/L	10/22/15	10/22/15	1543509	
pH (Field)	Field	8		N/A	pH Units	10/22/15	10/22/15	1543510	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/22/15	10/24/15	1543580	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/23/15	10/23/15	1543517	
Reservoir Effluent Site #5		15J1948-0	5 (Water)		Sample Dat	te: 10/22/15	9:10 Sa	mpler: D	aniel Mateik
Analyte	Method	Result	Rep. Limit	MCL	Units	Prepared	Analyzed	Batch	Qualifier
Field Analyses									
Cl Res Free (Field)	Field	2.2		N/A	mg/L	10/22/15	10/22/15	1543509	
pH (Field)	Field	9		N/A	pH Units	10/22/15	10/22/15	1543510	
Microbiology Analyses									
Plate Count	SM9215B	ND	1	500	CFU/ml	10/22/15	10/24/15	1543580	HT-08
General Chemical Analyses									
pH (Lab)	SM 4500HB	7.7		N/A	pH Units	10/23/15	10/23/15	1543517	
					Array may				
HT-08 Analysis performed outside of	recommended 8 hour hold t	ime but withir	required 24 hou	r hold time					
HT-08 Analysis performed outside of pH (Lab) was analyzed ASAP l				r hold time					

Address								Allendan	Volv	rede	Reduested			
		24.	24373 Walnut Avenue		707	0072							-	
			Lomita, CA 91717		20	1310013			-	H				
Phone #			(310) 325-9830	Õ	stinatic	Destination Laboratory	, No	Het	10		-			
Fax #			(310) 325-3627	d	(] Clinic	[X] Clinical Laboratory	ory	etro	otai			C	Ť	
Project		2	Standard Analysis	4	WQCB	RWQCB Compliance	90					olor	-	S/0/5
Sub Project		Lomita D.	Lomita Distribution Special Sample		ī	No EI AD #		c Plat	PH	- Ort	ıs- To	& 0	itrite	trate
Comments					i	* 17		te Co	1 501			dor		
Sampled by			DANIEL MATEIK		_	1088	FREE	ount	las					
Date	Ě	San	Sample Idenitification	Mafrix	Туре	Proserv	Total Chlorine			\exists				Comments / P.S. Codes
10/22/2015	4754		1948 W. 252nd St.	DW	D4	1,7	7.20	×	H					
10/22/2015	4254		1948 W. 252nd St.	DW	D4	AN			×					field ph 75
10/22/2015	2960	2	24632 S. Moon Ave.	DW	D4	1,7	667	×	H	H	-		t	
	800gg	2	24632 S. Moon Ave.	DW	D4	NA	667		×					field ph 8.00
3.1	5815	254	25417 Pennsylvania Ave	DW	D4	1,7	30'Z	×						
10/22/2015	286		The state of the s	DW	D4	NA	3072		×				h	field oh & m
10/22/2015	Ø136		2052 Dawn St.	DW	D4	1,7	287	×		H				
10/22/2015	0220		2052 Dawn St.	DW	D4	AN	1.89		×	-			h	field oh
10/22/2015	Ø880		Reservoir Effluent Site #5	DW	D4	1,7	2, 20	×	-	-				1
10/22/2015	Ø31Ø		Reservoir Effluent Site #5	DW	P4	NA	1 1 1		×	Н				field ph 2, Ø
Preservatives: (1	O S CN	(4) No S O (2) UNO			Matrice	W. Deine	1	1000			_		\exists	
(5) H2SO4 ((6) Na2SO.	(5) H2SO4 (6) Na2SO3 (7) Cold (8) Other:	Other:		Matrix.	Type- 1	Routine, 2	-Repe	asre v	varer,	SW-S	4-Sn	/ater,	matity: DVV-Drithing Water, WWV-Waste Water, SW-Storm Water, GW- Ground Water, A-Air Type- 1-Routine, 2-Repeat, 3-Replacement, 4-Special W-Wall D. Diet
Relinquished By (Sign)	ed By (5	Sign	Print Name / Company	\$		Date / Time	ime			Recei	Received By (Sign)	(Sie		Print Name / Company
m Chan	>		CLSB		10/	22/18	¥	3	\		4	2		7 W 8
DANIEL MATEIK	200	Me	City of Lomita		-	10/22/2015	9115			1		1	D	Lenary
Comments:						S	Samples received: (A+On ice Temp {	eceiv	ed: (A	240	n ice	3-	(A) Intact	ct () Custody seals
Shipped Via			Fed X Golden State	1 1 0	San	Client	1 Other							Dans 1 of 1

"Your Water and Wastewater Analysis Solution"