

# *Clinical Laboratory of San Bernardino, Inc.*



16 May 2019

Clinical Lab No.: 19E1091

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

Project Name: Standard Analysis  
Sub Project: V.O.C. Well Sampling - Benzene, Resample

Enclosed are the results of the analyses for samples received at the laboratory on 05/13/19 . Samples were received within temperature range, in correct containers and preservation.

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

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

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

Sincerely,

A handwritten signature in black ink, appearing to read 'Stu Styles', written in a cursive style.

Stu Styles

Client Services Manager

# Clinical Laboratory of San Bernardino, Inc.



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

Project: Standard Analysis  
Sub Project: V.O.C. Well Sampling - Benzene, Resample  
Project Manager: Mark Andersen

Work Order: 19E1091  
Received: 05/13/19 20:00  
Reported: 05/16/19

**CWPF/SP1(Well Raw Water) 19E1091-01 (Water) Sample Date: 05/13/19 10:45 Sampler: Patrick McCue**

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

**Field Analyses**

Cl Res Total (Field)	Field	0	mg/L			05/13/19	05/13/19	1920067	
pH (Field)	Field	7.83	pH Units			05/13/19	05/13/19	1920067	
Temperature (Field)	Field	23.1	°C			05/13/19	05/13/19	1920067	

**Volatile Organic Analyses**

<b>Benzene</b>	EPA 524.2	3.6	ug/L	0.50	1	05/15/19	05/16/19	1920105	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	80 %				05/15/19	05/16/19	1920105	
Surrogate: Bromofluorobenzene	EPA 524.2	97 %				05/15/19	05/16/19	1920105	

**CWPF/SP2 19E1091-02 (Water) Sample Date: 05/13/19 10:46 Sampler: Patrick McCue**

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

**Field Analyses**

Cl Res Total (Field)	Field	15.6	mg/L			05/13/19	05/13/19	1920067	
pH (Field)	Field	7.81	pH Units			05/13/19	05/13/19	1920067	
Temperature (Field)	Field	23.6	°C			05/13/19	05/13/19	1920067	

**Volatile Organic Analyses**

<b>Benzene</b>	EPA 524.2	1.9	ug/L	0.50	1	05/15/19	05/16/19	1920105	
Surrogate: Bromofluorobenzene	EPA 524.2	98 %				05/15/19	05/16/19	1920105	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	79 %				05/15/19	05/16/19	1920105	

**CWPF/SP3 19E1091-03 (Water) Sample Date: 05/13/19 10:47 Sampler: Patrick McCue**

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

**Field Analyses**

Cl Res Total (Field)	Field	16.2	mg/L			05/13/19	05/13/19	1920067	
pH (Field)	Field	7.84	pH Units			05/13/19	05/13/19	1920067	
Temperature (Field)	Field	23.8	°C			05/13/19	05/13/19	1920067	

**Volatile Organic Analyses**

<b>Benzene</b>	EPA 524.2	3.6	ug/L	0.50	1	05/15/19	05/16/19	1920105	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	75 %				05/15/19	05/16/19	1920105	
Surrogate: Bromofluorobenzene	EPA 524.2	95 %				05/15/19	05/16/19	1920105	

# Clinical Laboratory of San Bernardino, Inc.



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

Project: Standard Analysis  
Sub Project: V.O.C. Well Sampling - Benzene, Resample  
Project Manager: Mark Andersen

Work Order: 19E1091  
Received: 05/13/19 20:00  
Reported: 05/16/19

**CWPF/SP4** **19E1091-04 (Water)** **Sample Date:** 05/13/19 10:48 **Sampler:** Patrick McCue

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

### Field Analyses

<b>Cl Res Total (Field)</b>	Field	<b>9.8</b>	mg/L			05/13/19	05/13/19	1920067	
<b>pH (Field)</b>	Field	<b>8.13</b>	pH Units			05/13/19	05/13/19	1920067	
<b>Temperature (Field)</b>	Field	<b>19.9</b>	°C			05/13/19	05/13/19	1920067	

### Volatile Organic Analyses

<b>Benzene</b>	EPA 524.2	<b>1.4</b>	ug/L	0.50	1	05/15/19	05/16/19	1920105	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	EPA 524.2	79 %				05/15/19	05/16/19	1920105	
<i>Surrogate: Bromofluorobenzene</i>	EPA 524.2	97 %				05/15/19	05/16/19	1920105	

**CWPF/SP5** **19E1091-05 (Water)** **Sample Date:** 05/13/19 10:49 **Sampler:** Patrick McCue

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

### Field Analyses

<b>Cl Res Total (Field)</b>	Field	<b>3.37</b>	mg/L			05/13/19	05/13/19	1920067	
<b>pH (Field)</b>	Field	<b>8.19</b>	pH Units			05/13/19	05/13/19	1920067	
<b>Temperature (Field)</b>	Field	<b>19.9</b>	°C			05/13/19	05/13/19	1920067	

### Volatile Organic Analyses

<b>Benzene</b>	EPA 524.2	<b>1.2</b>	ug/L	0.50	1	05/15/19	05/16/19	1920105	
<i>Surrogate: Bromofluorobenzene</i>	EPA 524.2	94 %				05/15/19	05/16/19	1920105	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	EPA 524.2	78 %				05/15/19	05/16/19	1920105	

**CWPF/SP6** **19E1091-06 (Water)** **Sample Date:** 05/13/19 10:50 **Sampler:** Patrick McCue

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

### Field Analyses

<b>Cl Res Total (Field)</b>	Field	<b>1.97</b>	mg/L			05/13/19	05/13/19	1920067	
<b>pH (Field)</b>	Field	<b>8.77</b>	pH Units			05/13/19	05/13/19	1920067	
<b>Temperature (Field)</b>	Field	<b>19.6</b>	°C			05/13/19	05/13/19	1920067	

### Volatile Organic Analyses

<b>Benzene</b>	EPA 524.2	ND	ug/L	0.50	1	05/15/19	05/16/19	1920105	
<i>Surrogate: Bromofluorobenzene</i>	EPA 524.2	94 %				05/15/19	05/16/19	1920105	
<i>Surrogate: 1,2-Dichlorobenzene-d4</i>	EPA 524.2	80 %				05/15/19	05/16/19	1920105	

ND Analyte NOT DETECTED at or above the reporting limit

Clinical Laboratory of San Bernardino, Inc.

06/12  
Chain of Custody  
19E1091

Client			City of Lomita				System Number		Analysis Requested			
Address			24373 Walnut Avenue				1910073					
Phone #			Lomita, CA 91717				Destination Laboratory					
Fax #			(310)903-2243				[X] Clinical Laboratory					
Project			(310)325-3627				RWQCB Compliance					
Sub Project			V.O.C. Well Sampling				ELAP #					
Comments			Benzene, Resampling									
Sampled by			Patrick McCue									
Date	Time	Sample Identification	Matrix	Type	Preserv	Total Chloride					Comments / P.S. Codes	
5/13/2019	1045	CWPF / SP1 (Well raw water)	DW	ID	2	8					ph 7.83 temp 23.1°	
5/13/2019	1046	CWPF / SP2	DW	ID	2	15.6					ph 7.81 temp 23.6°	
5/13/2019	1047	CWPF / SP3	DW	ID	2	16.2					ph 7.84 temp 23.8°	
5/13/2019	1048	CWPF / SP4	DW	ID	2	9.8					ph 8.13 temp 19.9°	
5/13/2019	1049	CWPF / SP5	DW	ID	2	3.51					ph 8.19 temp 19.9°	
5/13/2019	1050	CWPF / SP6	DW	ID	2	1.97					ph 8.77 temp 19.6°	
Preservatives: (1) Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> (2) HCl (3) HNO <sub>3</sub> (4) NH <sub>4</sub> Cl			Matrix: DW-Drinking Water, WW-Waste Water, SW-Storm Water, GW-Ground Water, A-Air									
(5) H <sub>2</sub> SO <sub>4</sub> (6) Na <sub>2</sub> SO <sub>3</sub> (7) Cold (8) Other:			Routine, 2-Repeat, 3-Replacement, 4-Special W-Well D-Dist.									
Relinquished By (Sign)			Print Name / Company		Date / Time		Received By (Sign)		Print Name / Company			
Patrick McCue			Patrick McCue / City of Lomita		5/13/19		[Signature]		[Signature]			
[Signature]			[Signature]		5/13/19		HF [Signature]		Bob [Signature] Custody seals Temp ( ) F ( ) C			
Comments:			Samples received: ( ) On ice ( ) Intact ( ) Custody seals Temp ( ) F ( ) C ( ) C									
Shipped Via			Fed X		Golden State		UPS		Client		Other	
											Page 1 of 1	