

APPLICABLE AUTHORITIES

Section 116650 of Health and Safety Code provides:

116650. Citations

- (a) *If the Department determines that a public water system is in violation of this chapter or any regulation, permit, standard, citation, or order issued or adopted thereunder, the Department may issue a citation to the public water system. The citation shall be served upon the public water system personally or by certified mail. Service shall be deemed effective as of the date of personal service or the date of receipt of the certified mail. If a person to whom a citation is directed refuses to accept delivery of the certified mail, the date of service shall be deemed to be the date of mailing.*
- (b) *Each citation shall be in writing and shall describe the nature of the violation or violations, including a reference to the statutory provision, standard, order, citation, permit, or regulation alleged to have been violated.*
- (c) *A citation may specify a date for elimination or correction of the condition constituting the violation.*
- (d) *A citation may include the assessment of a penalty as specified in subdivision (e).*
- (e) *The Department may assess a penalty in an amount not to exceed one thousand dollars (\$1,000) per day for each day that a violation occurred, and for each day*

1 that a violation continues to occur. A separate penalty may be assessed for each
2 violation.

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4 Title 22, California Code of Regulations, Article 5.5. Primary Standard – Organic
5 Chemicals, Sections 64445.1(c)(1) and 64445.1(c)(5) state in relevant parts:

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7 64445.1. Monitoring and Compliance – Organic Chemicals.

8 (c) When organic chemicals are detected pursuant to Table 64445.1-A.

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10 (1) Prior to proceeding with the requirements of paragraphs (c)(2) through (7),
11 the water supplier may first confirm the analytical result, as follows: Within
12 seven days from the notification of an initial finding from a laboratory
13 reporting the presence of one or more organic chemicals in a water sample,
14 the water supplier shall collect one or two additional sample(s) to confirm the
15 initial finding. Confirmation of the initial finding shall be shown by the
16 presence of the organic chemical in either the first or second additional
17 sample, and the detected level of the contaminant for compliance purposes
18 shall be the average of the initial and confirmation sample(s). The initial
19 finding shall be disregarded if two additional samples do not show the
20 presence of the organic chemical.

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22 (5) If the detected level of an organic chemical for any sampling site exceeds
23 that listed in Table 64444-A, the water supplier shall report this information to
24 the Department within 48 hours of receipt of the result. Unless use of the
25 contaminated source is discontinued, the water supplier shall resample the
26 contaminated source and compliance shall be determined as follows:
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(A) Water systems serving more than 3,300 persons shall sample monthly for six months and shall submit the results to the Department as specified in §64469. If the average concentration of the initial finding, confirmation sample(s), and six subsequent monthly samples does not exceed the MCL shown in Table 64444-A the water supplier may reduce the sampling frequency to once every three months. If the running annual average or the average concentration of the initial finding, confirmation sample(s), and six subsequent monthly samples exceeds the MCL shown in Table 64444-A, the water system shall be deemed to be in violation of Section 6444.

(B) Water systems serving 3,300 persons or less shall sample quarterly for a minimum of one year and shall submit the results to the Department as specified in §64469. If the running annual average concentration does not exceed the MCL in Table 64444-A, the water supplier may reduce the sampling frequency to once every year during the quarter that previously yielded the highest analytical result. Quarterly monitoring shall resume if any reduced frequency sample result exceeds the MCL. If the running annual average concentration exceeds the MCL in Table 64444-A, the water system shall be deemed to be in violation of §64444.

(C) If any sample would cause the running annual average to exceed the MCL, the water system is immediately in violation. If a system takes more than one sample in a quarter, the average of all the results for that quarter shall be used when calculating the running annual average. If a system fails to complete four consecutive quarters of monitoring, the

1 *running annual average shall be based on an average of the available*
2 *data.*

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4 Title 22, California Code of Regulations, Article 18. Notification of Water Consumers
5 and the Department, Section 64463.7 states in relevant parts:

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7 64463.7. Tier 3 Public Notice.

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9 (a) *Each water system shall give public notice pursuant to this section if any of the*
10 *following occurs:*

11 (1) *Monitoring violations;*

12 (2) *Failure to comply with a testing procedure, except where a Tier 1 public*
13 *notice is required pursuant to Section 64463.1 or the Department determines*
14 *that a Tier 2 public notice is required pursuant to Section 64463.4; or*

15 (3) *Operation under a variance or exemption.*

16
17 (b) *Each water system shall give the public notice within one year after it learns of*
18 *the violation or begins operating under a variance or exemption.*

19 (1) *The water system shall repeat the public notice annually for as long as the*
20 *violation, variance, exemption, or other occurrence continues.*

21 (2) *Posted public notices shall remain in place for as long as the violation,*
22 *variance, exemption, or other occurrence continues, but in no case less than*
23 *seven days.*

24 (3) *Instead of individual Tier 3 public notices, a water system may use an annual*
25 *report detailing all violations and occurrences for the previous twelve months,*
26 *as long as the water system meets the frequency requirements specified in*
27 *this subsection.*

1 (c) *Each water system shall deliver the notice in a manner designed to reach*
 2 *persons served within the required time period, as follows:*

3 (1) *Unless otherwise directed by the Department in writing based on its*
 4 *assessment of the violation or occurrence and the potential for adverse*
 5 *effects on public health and welfare, community water systems shall give*
 6 *public notice by*

7 (A) *Mail or direct delivery to each customer receiving a bill including those*
 8 *that provide their drinking water to others (e.g., schools or school*
 9 *systems, apartment building owners, or large private employers), and*
 10 *other service connections to which water is delivered by the water*
 11 *system; and*

12 (B) *Use of one or more of the following methods to reach persons not likely*
 13 *to be reached by a mailing or direct delivery (renters, university students,*
 14 *nursing home patients, prison inmates, etc.):*

- 15 1. *Publication in a local newspaper;*
- 16 2. *Posting in conspicuous public places served by the water system,*
 17 *or on the Internet; or*
- 18 3. *Delivery to community organizations...*

19
 20 (d) *Community and nontransient-noncommunity water systems may use the*
 21 *Consumer Confidence Report pursuant to Sections 64480 through 64483, to*
 22 *meet the initial and repeat Tier 3 public notice requirements in subsection*
 23 *64463.7(b), as long as the Report meets the following:*

- 24 (1) *Is given no later than one year after the water system learns of the violation*
 25 *or occurrence;*
- 26 (2) *Includes the content specified in Section 64465; and*
- 27 (3) *Is distributed pursuant to paragraph(b)(1) and (2) or subsection (c).*

STATEMENT OF FACTS**Background**

The City is located in the eastern portion of Los Angeles County, about 17 miles east-northeast from the downtown Los Angeles. Its service area, covering most of the city's boundary, is predominantly residential with some commercial establishments and light industries. The City also serves a few customers outside the city boundaries, in the unincorporated areas of Los Angeles County. According to the City's 2014 Annual Report to the Division, the City supplies drinking water to approximately 57,639 residents through 14,264 active service connections. Out of the 14,264 connections, 13,046 are residential connections, 984 are commercial connections and 234 are irrigation connections.

The City operates its water system under the authority of a domestic water supply permit issued by the Division on February 4, 1974 and 13 amendments issued on May 8, 1978, October 15, 1982, January 27, 1987, April 25, 1989, November 26, 1990, December 10, 2001, June 15, 2002, November 12, 2003, July 29, 2009, September 1, 2009, October 18, 2010, April 20, 2011 and April 25, 2011.

The City's water supply system consists of 14 active wells, 1 active connection with the Metropolitan Water District of Southern California, 16 active storage tanks/reservoirs and 1 forebay that provide about 46.4 MG of water storage for the nine pressure zones in the distribution system, and 12 booster stations. The City has six emergency interconnections, one each with the City of Sierra Madre, East Pasadena Water Company, San Gabriel Valley Water Company, and Sunnyslope Water Company, and two connections with the Golden State Water Company.

1 Longley Well 3 is located at the City's Longley Facility Site in a municipal, residential
2 and commercial neighborhood in the city of Arcadia. The Longley Facility Site covers
3 approximately 9,000 square feet lot with fencing and security gate. The well was
4 constructed in May 2010. It is provided with 509 feet annular seal. The well is
5 equipped with a 300-Hp submersible pump and motor, which has the capacity of
6 1,600 gpm. In addition to Longley Well 3, the facilities at the site include the
7 hypochlorite chlorination system housed in a chlorine storage building.

8 Summary of Events

9 Tuesday, March 17, 2015

10 Longley Well 3 was sampled for di(2-ethylhexyl)phthalate and thiobencarb. The
11 samples were collected at 1:32 pm and relinquished by Mr. Michael Thai, the City's
12 certified T3 operator and Water Quality Specialist, and received by Weck
13 Laboratories, Inc. at 2:10 pm.

14 Friday, March 20, 2015

15 Weck Laboratories, Inc. completed the analysis of samples collected by the City on
16 March 17, 2015. According to the Laboratory Report Sample ID No. 5C17047-01
17 dated April 3, 2015 (Attachment 1), the sample collected on March 17, 2015 from
18 Longley Well 3 had di(2-ethylhexyl)phthalate concentration of 6.6 µg/L, exceeding the
19 MCL of 4 µg/L. Thiobencarb was not detected in the sample. According to the City,
20 Weck Laboratories, Inc. did not notify them of the di(2-ethylhexyl)phthalate MCL
21 exceedance.
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1 Wednesday, April 8, 2015

2 Weck Laboratories, Inc. e-mailed the Laboratory Report Sample ID No. 5C17047-01
3 to the City, along with other laboratory results analyzed in March 2015.

4
5 Friday, April 10, 2015

6 The Division received the City's March 2015 Compliance Reports. The submittal
7 included the Monthly Summary of Distribution System Coliform Monitoring, Raw Water
8 Coliform Monitoring, General Physical Monitoring Summary, Monthly Distribution
9 System Chlorine Residual, St. Joseph Plant, Orange Grove Plant and Longden Plant
10 Volatile Organic Chemicals and Nitrate Blending Reports, Quarterly Report for
11 Disinfectant Residuals Compliance, Stage 2 Disinfectants/Disinfection Byproduct Rule
12 Reports and laboratory reports prepared by Weck Laboratories, Inc. Mr. Thai
13 prepared the City's Compliance Reports.

14
15 Monday, May 4, 2015

16 Ofelia Oracion, a Sanitary Engineer with the Division, reviewed the City's March 2015
17 Compliance Reports and discovered the sample collected from Longley Well 3 on
18 March 17 exceeded the di(2-ethylhexyl)phthalate MCL. However, Ms. Oracion did not
19 find in the reports the results for the confirmation sample(s). In addition, she did not
20 find any note in the submittal and did not recall any phone call or e-mail from the City,
21 informing her of the exceedance.

22
23 At around 10:00 am, Ms. Oracion called Mr. Craig Clark, the City's Utilities
24 Superintendent and left a message. Then she called Mr. Thai, the City's Water
25 Quality Specialist, on his cell phone. Mr. Thai was on the field and told Ms. Oracion
26 that he would call her when he got back to his office. Around 10:30 am, Mr. Thai
27 called Ms. Oracion. During the telephone conversation, he said that he was not aware

1 of the exceedance. He had never received any notification from the laboratory other
2 than the laboratory reports. Hence, the City did not collect either the confirmation
3 sample(s) or the monthly sample in April 2015.

4
5 Ms. Oracion also informed him that the laboratory reports showed strange results for
6 chlorine residuals collected on March 3 and 9, 2015 from the distribution system
7 (Attachment 2). The reports showed that one sample collected on March 3, 2015 had
8 chlorine residual concentration of 72 mg/L and on March 9, 2015, 12 sample sites out
9 of 19 sample sites had chlorine residuals ranging from 78 mg/L to 96 mg/L. Mr. Thai
10 reported that all chlorine residuals during those weeks had been below the Maximum
11 Residual Disinfectant Level of 4 mg/L. He has the field testing records and the
12 laboratory reports are erroneous.

13
14 Mr. Thai indicated that he had received on April 8, 2015 via e-mail from Weck
15 Laboratory, Inc. of the laboratory reports for all the samples collected in March 2015.
16 Because there was no verbal notification, nor a special note regarding the di(2-
17 ethylhexyl)phthalate MCL exceedance from the laboratory, and he had the chlorine
18 residuals results from the field on his records, he assumed everything was fine and did
19 not review the reports. He mailed out the March 2015 Compliance Reports to the
20 Division, including copies of all laboratory reports from Weck Laboratories on April 8,
21 2015, the same date he received the reports from the laboratory.

22
23 Around 1:00 pm, Mr. Craig and Mr. Thai called Ms. Oracion. According to Mr. Craig,
24 the City would schedule a meeting with representatives of Weck Laboratories, Inc. to
25 discuss about the notification issue.

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DETERMINATIONS

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The Division has determined that the City is in violation of Section 64445.1(c)(5) of Title 22, California Code of Regulations due to the failure to either collect one or two additional sample(s) to confirm the initial finding of the di(2-ethylhexyl)phthalate MCL exceedance in a sample collected on March 17, 2015 from Longley Well 3 or collect a monthly sample in April 2015. The City had received the laboratory report on April 8, 2015.

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DIRECTIVES

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1. Unless the well is removed from service, starting May 2015, the City shall conduct the follow-up monthly DEHP sampling for Longley Well 3 for five consecutive months (the City had missed the sampling for the first month). The compliance determination will base on the average of the results of the initial sample and five consecutive monthly samples.
2. The City shall conduct a detailed investigation of the cause of the failure in collecting follow-up samples, after receiving a laboratory report from the contracted laboratory indicating Longley Well 3 had a di(2-ethylhexyl)phthalate MCL exceedance. The City shall also propose corrective measures to prevent the sampling error from reoccurring. The City shall submit the investigation report to the Division by **July 15, 2015**.
3. The City shall provide an on-going training to staff responsible for overseeing the compliance with monitoring and reporting requirements and staff responsible for sample collection duties. By **December 15, 2015**, the City shall submit a letter

1 listing the names of the trainees, contents of the training sections (courses), and
2 dates and locations of these training sections provided. If in-house training is
3 used, information regarding the experiences and qualifications of the instructors
4 shall also be provided. The training courses must be related to water quality
5 monitoring, reporting and notification regulations

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7 4. Notify all persons served by the City of the di(2-ethylhexyl)phthalate monitoring
8 violation in conformance with Section 64463.7 and Section 64465 of Title 22,
9 California Code of Regulations. Within one year of receiving this citation, the City
10 shall complete the notification. The City shall deliver the notice to each customer
11 receiving a bill by mail or direct delivery. In addition, the City must use one or more
12 of the following methods to reach persons not likely to be reached by a mailing or
13 direct delivery (renters, university students, nursing home patients, prison inmates,
14 etc.): 1) publication in a local newspaper, 2) posting in conspicuous public places
15 served by the water system, or on the internet; or 3) delivery to community
16 organizations. A template for the Tier 3 public notice is attached (Attachment 3).
17 The content of the notice shall be approved by the Division prior to issuance. A
18 copy of the notification shall be submitted to the Division **within 10 days of**
19 **issuance**, along with the enclosed proof of notification form (Attachment 4).

20
21 The Division reserves the right to make modifications to this Citation, as it may deem
22 necessary to protect public health and safety. Such modifications may be issued as
23 amendments to this Citation and shall be effective upon issuance.

24
25 Nothing in this Citation relieves the City of Arcadia of its obligation to meet the
26 requirements of California SDWA, or any regulation, permit, standard or order issued
27 or adopted thereunder.

1 All submittals required by this Citation shall be submitted to the Division at the
2 following address:

3
4 Shu-Fang Orr, P.E.
5 District Engineer, Angeles District
6 Southern California Drinking Water Field Operations Branch
7 Division of Drinking Water, State Water Resources Control Board
8 500 North Central Avenue, Suite 500
9 Glendale, CA 91203

10
11 **PARTIES BOUND**

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13 This Citation shall apply to and be binding upon the City, its officers, managers,
14 agents, employees, contractors, successors and assignees.

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16 **SEVERABILITY**

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18 The directives of this Citation are severable, and the City of Arcadia shall comply with
19 each and every provision thereof notwithstanding the effectiveness of any provision.

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21 **FURTHER ENFORCEMENT ACTION**

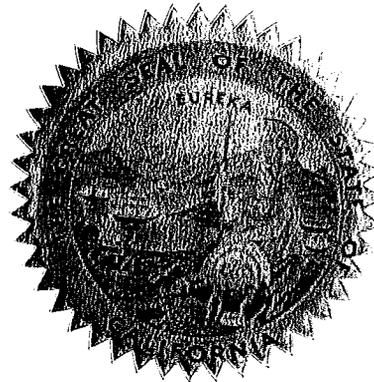
22
23 Division 104, Part 12, Chapter 4, (commencing with Section 116270) of the Health and
24 Safety Code authorizes the Division to issue additional citations with assessment of
25 penalties if a public water system continues to fail to correct a violation identified in a
26 citation; take action to suspend or revoke a permit that has been issued to a public
27 water system if the system has violated applicable law or regulations or has failed to

1 comply with orders of the Division; and petition the superior court to take various
2 enforcement measures against a public water system that has failed to comply with
3 orders of the Division. By issuance of this citation, the Division does not waive any
4 right to take further enforcement action against the City including but not limited to the
5 assessment of civil penalties as authorized by law.

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May 12, 2015
Date

Shu-Fang Orr
Shu-Fang Orr, P.E.
District Engineer
Angeles District



Attachments (4):

1. Weck Laboratories, Inc. Report Sample ID No. 5C17047-01 dated April 3, 2015
2. Weck Laboratories, Inc. Report for Chlorine Residuals for Samples Collected on March 3 and 9, 2015
3. Tier 3 Public Notification Template
4. Proof of Public Notification Form

BY CERTIFIED MAIL NO. 7014 2870 0001 2130 1397

**Weck Laboratories, Inc. Report Sample ID No. 5C17047-01
Dated April 3, 2015**



Date of Report: 15/04/03

Sample ID No.: 5C17047-01

Laboratory Name: Weck Laboratories, Inc

Signature Lab Director: *[Signature]*

Name of Sampler: Michael Thai

Date/Time Sample Collected: 15/03/17 1332

Date/Time Sample Received @ Lab: 15/03/17 1410

Date Analyses Completed: 15/03/20

System Name: CITY OF ARCADIA

System Number: 1910003

Name or Number of Sample Source: LONGLEY WELL

User ID: 4TH Station Number: 1910003-040

Date/Time of Sample: 15 | 03 | 17 | 13 | 32
YY MM DD TT TT Laboratory Code: 9588

Date of Analyses Completed: 15 | 03 | 20 |
YY MM DD

Submitted By: Weck Laboratories, Inc Phone #: (626) 336-2139

TEST METHOD	CHEMICAL	Units	ENTRY #	ANALYSES RESULTS	MCL	DLR
	REGULATED ORGANIC CHEMICALS					
	Diethylhexylphthalate (DEHP)	ug/L	39100	6.6	4	3
	Thiobencarb (BOLERO)	ug/L	A-001	ND	70	1

Laboratory Comments and Description of Additional Components Found (Comments in this section are for Client Information only and will NOT be transmitted to CDPH via EDT):

Longley Well :

> mcl

5/14/15 - 10:30 am - spoke w/ M. Thai, apparently, the laboratory did not inform them of this MCL exceedance. the city did not collect confirmation samples, nor the first monitoring sample in April 2015.

**Weck Laboratories, Inc. Report for Chlorine Residuals
For Samples Collected on March 3 and 9, 2015**



Certificate of Analysis

Report Date: 03/09/15 12:34
Received Date: 03/03/15 14:20

Client: City of Arcadia
11800 Goldring Road
Arcadia, CA 91066-6021

Turnaround Time: Normal

Attn: Michael Thai

Phone: (626) 256-6592

Fax: (626) 359-7028

Project: Distribution 1910003

P.O.#:

Dear Michael Thai :

Enclosed are the results of analyses for samples received 3/3/2015 with the Chain of Custody document. The samples were received in good condition, at 18.1 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 5C03052-01 **Sample ID:** 11800 Goldring Road **Matrix:** Water
Sampled by: Michael Thai **Sampled:** 03/03/15 07:54 **Sample Note:**

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	72.0		mg/l	0.01	1	Field	03/03/15 07:54	03/03/15 07:54	clnt	W5C0161

Work Order No: 5C03052-02 **Sample ID:** 2401 El Monte Ave **Matrix:** Water
Sampled by: Michael Thai **Sampled:** 03/03/15 13:25 **Sample Note:**

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	1.16		mg/l	0.01	1	Field	03/03/15 13:25	03/03/15 13:25	clnt	W5C0161

Work Order No: 5C03052-03 **Sample ID:** 491 West Longden Ave **Matrix:** Water
Sampled by: Michael Thai **Sampled:** 03/03/15 13:17 **Sample Note:**

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.81		mg/l	0.01	1	Field	03/03/15 13:17	03/03/15 13:17	clnt	W5C0161

Work Order No: 5C03052-04 **Sample ID:** 1230 South 10th Ave **Matrix:** Water
Sampled by: Michael Thai **Sampled:** 03/03/15 08:14 **Sample Note:**

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.94		mg/l	0.01	1	Field	03/03/15 08:14	03/03/15 08:14	clnt	W5C0161

Work Order No: 5C03052-05 **Sample ID:** 67 East Arthur Ave **Matrix:** Water
Sampled by: Michael Thai **Sampled:** 03/03/15 13:30 **Sample Note:**

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	1.11		mg/l	0.01	1	Field	03/03/15 13:30	03/03/15 13:30	clnt	W5C0161



Certificate of Analysis

Work Order No: 5C03052-06
Sampled by: Michael Thai

Sample ID: 240 West Huntington Dr
Sampled: 03/03/15 08:49

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.84		mg/l	0.01	1	Field	03/03/15 08:49	03/03/15 08:49	clnt	W5C0161

Work Order No: 5C03052-07
Sampled by: Michael Thai

Sample ID: 1001 South Goldenwest Ave
Sampled: 03/03/15 13:06

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.27		mg/l	0.01	1	Field	03/03/15 13:06	03/03/15 13:06	clnt	W5C0161

Work Order No: 5C03052-08
Sampled by: Michael Thai

Sample ID: 401 North Baldwin Ave
Sampled: 03/03/15 12:30

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.64		mg/l	0.01	1	Field	03/03/15 12:30	03/03/15 12:30	clnt	W5C0161

Work Order No: 5C03052-09
Sampled by: Michael Thai

Sample ID: 216 Colorado Blvd
Sampled: 03/03/15 08:55

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.79		mg/l	0.01	1	Field	03/03/15 08:55	03/03/15 08:55	clnt	W5C0161

Work Order No: 5C03052-10
Sampled by: Michael Thai

Sample ID: 1135 North Second Ave
Sampled: 03/03/15 10:07

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.89		mg/l	0.01	1	Field	03/03/15 10:07	03/03/15 10:07	clnt	W5C0161

Work Order No: 5C03052-11
Sampled by: Michael Thai

Sample ID: 398 Torrey Pines Drive
Sampled: 03/03/15 10:17

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Color.....	ND		Color Units	3.0	1	SM 2120B	03/03/15 15:31	03/03/15 16:35	nra	W5C0166
Chlorine Residual, Free.....	0.82		mg/l	0.01	1	Field	03/03/15 10:17	03/03/15 10:17	clnt	W5C0161
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/03/15 16:37	03/03/15 18:40	nra	W5C0178
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/03/15 17:59	03/04/15 18:14	lac	W5C0185

Work Order No: 5C03052-12
Sampled by: Michael Thai

Sample ID: 2240 Highland Oaks
Sampled: 03/03/15 10:35

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Color.....	ND		Color Units	3.0	1	SM 2120B	03/03/15 15:31	03/03/15 16:35	nra	W5C0166



Certificate of Analysis

Work Order No: 5C03052-12
Sampled by: Michael Thai

Sample ID: 2240 Highland Oaks
Sampled: 03/03/15 10:35

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
Chlorine Residual, Free.....	0.71		mg/l	0.01	1	Field	03/03/15 10:35	03/03/15 10:35	clnt	W5C0161
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/03/15 16:37	03/03/15 18:40	nra	W5C0178
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/03/15 17:59	03/04/15 18:14	lac	W5C0185

Work Order No: 5C03052-13
Sampled by: Michael Thai

Sample ID: 2220 Canyon Road
Sampled: 03/03/15 10:43

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Color.....	ND		Color Units	3.0	1	SM 2120B	03/03/15 15:31	03/03/15 16:35	nra	W5C0166
Chlorine Residual, Free.....	0.71		mg/l	0.01	1	Field	03/03/15 10:43	03/03/15 10:43	clnt	W5C0161
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/03/15 16:37	03/03/15 18:40	nra	W5C0178
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/03/15 17:59	03/04/15 18:14	lac	W5C0185

Work Order No: 5C03052-14
Sampled by: Michael Thai

Sample ID: 250 Hacienda Drive
Sampled: 03/03/15 12:21

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Color.....	ND		Color Units	3.0	1	SM 2120B	03/03/15 15:31	03/03/15 16:35	nra	W5C0166
Chlorine Residual, Free.....	0.85		mg/l	0.01	1	Field	03/03/15 12:21	03/03/15 12:21	clnt	W5C0161
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/03/15 16:37	03/03/15 18:40	nra	W5C0178
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/03/15 17:59	03/04/15 18:14	lac	W5C0185

Work Order No: 5C03052-15
Sampled by: Michael Thai

Sample ID: 815 Hampton Road
Sampled: 03/03/15 12:41

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Color.....	ND		Color Units	3.0	1	SM 2120B	03/03/15 15:31	03/03/15 16:35	nra	W5C0166
Chlorine Residual, Free.....	0.89		mg/l	0.01	1	Field	03/03/15 12:41	03/03/15 12:41	clnt	W5C0161
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/03/15 17:50	03/03/15 19:00	nra	W5C0184
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/03/15 17:59	03/04/15 18:14	lac	W5C0185

Work Order No: 5C03052-16
Sampled by: Michael Thai

Sample ID: Campus Drive
Sampled: 03/03/15 08:41

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.84		mg/l	0.01	1	Field	03/03/15 08:41	03/03/15 08:41	clnt	W5C0161

Work Order No: 5C03052-17
Sampled by: Michael Thai

Sample ID: 710 South Santa Anita Ave
Sampled: 03/03/15 08:36

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/03/15 16:40	03/03/15 16:40	sst	W5C0308
Chlorine Residual, Free.....	0.84		mg/l	0.01	1	Field	03/03/15 08:36	03/03/15 08:36	clnt	W5C0161



Certificate of Analysis

Work Order No: 5C03052-18
Sampled by: Michael Thai

Sample ID: 2nd Ave & Alta Street
Sampled: 03/03/15 08:23

Matrix: Water
Sample Note:

Table with 11 columns: Analyte, Result, Qualifier, Units, RL, Dil, Method, Prepared, Analyzed, Analyst, Batch. Rows include E. coli, Total Coliform, and Chlorine Residual, Free.

Work Order No: 5C03052-19
Sampled by: Michael Thai

Sample ID: 5 Corto Road
Sampled: 03/03/15 12:53

Matrix: Water
Sample Note:

Table with 11 columns: Analyte, Result, Qualifier, Units, RL, Dil, Method, Prepared, Analyzed, Analyst, Batch. Rows include E. coli, Total Coliform, and Chlorine Residual, Free.

Work Order No: 5C03052-20
Sampled by: Michael Thai

Sample ID: 200 Virginia Drive
Sampled: 03/03/15 10:24

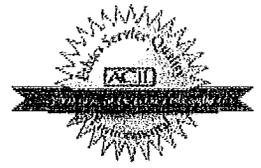
Matrix: Water
Sample Note:

Table with 11 columns: Analyte, Result, Qualifier, Units, RL, Dil, Method, Prepared, Analyzed, Analyst, Batch. Rows include E. coli, Total Coliform, and Chlorine Residual, Free.

Case Narrative:

Handwritten signature of Brandon Gee

Authorized Signature



Contact: Brandon Gee
(Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA

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.

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.

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

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



Certificate of Analysis

Report Date: 03/27/15 14:43
Received Date: 03/09/15 13:47

Client: City of Arcadia
11800 Goldring Road
Arcadia, CA 91066-6021

Turnaround Time: Normal

Attn: Michael Thai

Phone: (626) 256-6592

Fax: (626) 359-7028

Project: Distribution 1910003

P.O.#:

Dear Michael Thai :

Enclosed are the results of analyses for samples received 3/9/2015 with the Chain of Custody document. The samples were received in good condition, at 18.8 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Work Order No: 5C09064-01 Sample ID: 11800 Goldring Road Matrix: Water
Sampled by: Michael Thai Sampled: 03/09/15 08:28 Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	83.0		mg/l	0.01	1	Field	03/09/15 08:28	03/09/15 08:28	clnt	W5C0487

Work Order No: 5C09064-02 Sample ID: 2401 El Monte Ave Matrix: Water
Sampled by: Michael Thai Sampled: 03/09/15 12:55 Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	1.11		mg/l	0.01	1	Field	03/09/15 12:55	03/09/15 12:55	clnt	W5C0487

Work Order No: 5C09064-03 Sample ID: 491 West Longden Ave Matrix: Water
Sampled by: Michael Thai Sampled: 03/09/15 12:51 Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	90.0		mg/l	0.01	1	Field	03/09/15 12:51	03/09/15 12:51	clnt	W5C0487

Work Order No: 5C09064-04 Sample ID: 1230 South 10th Ave Matrix: Water
Sampled by: Michael Thai Sampled: 03/09/15 08:44 Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	81.0		mg/l	0.01	1	Field	03/09/15 08:44	03/09/15 08:44	clnt	W5C0487

Work Order No: 5C09064-05 Sample ID: 67 East Arthur Ave Matrix: Water
Sampled by: Michael Thai Sampled: 03/09/15 13:00 Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	1.18		mg/l	0.01	1	Field	03/09/15 13:00	03/09/15 13:00	clnt	W5C0487



Certificate of Analysis

Work Order No: 5C09064-06
Sampled by: Michael Thai

Sample ID: 240 West Huntington Dr
Sampled: 03/09/15 09:40

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	79.0		mg/l	0.01	1	Field	03/09/15 09:40	03/09/15 09:40	clnt	W5C0487

Work Order No: 5C09064-07
Sampled by: Michael Thai

Sample ID: 1001 South Goldenwest Ave
Sampled: 03/09/15 12:42

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	79.0		mg/l	0.01	1	Field	03/09/15 12:42	03/09/15 12:42	clnt	W5C0487

Work Order No: 5C09064-08
Sampled by: Michael Thai

Sample ID: 401 North Baldwin Ave
Sampled: 03/09/15 12:22

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	85.0		mg/l	0.01	1	Field	03/09/15 12:22	03/09/15 12:22	clnt	W5C0487

Work Order No: 5C09064-09
Sampled by: Michael Thai

Sample ID: 216 Colorado Blvd
Sampled: 03/09/15 09:47

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	91.0		mg/l	0.01	1	Field	03/09/15 09:47	03/09/15 09:47	clnt	W5C0487

Work Order No: 5C09064-10
Sampled by: Michael Thai

Sample ID: 1135 North Second Ave
Sampled: 03/09/15 10:13

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	78.0		mg/l	0.01	1	Field	03/09/15 10:13	03/09/15 10:13	clnt	W5C0487

Work Order No: 5C09064-11
Sampled by: Michael Thai

Sample ID: 398 Torrey Pines Drive
Sampled: 03/09/15 10:20

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	81.0		mg/l	0.01	1	Field	03/09/15 10:20	03/09/15 10:20	clnt	W5C0487

Work Order No: 5C09064-12
Sampled by: Michael Thai

Sample ID: 2240 Highland Oaks
Sampled: 03/09/15 10:44

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	96.0		mg/l	0.01	1	Field	03/09/15 10:44	03/09/15 10:44	clnt	W5C0487



Certificate of Analysis

Work Order No: 5C09064-13
Sampled by: Michael Thai

Sample ID: 2220 Canyon Road
Sampled: 03/09/15 10:47

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	0.75		mg/l	0.01	1	Field	03/09/15 10:47	03/09/15 10:47	clnt	W5C0487

Work Order No: 5C09064-14
Sampled by: Michael Thai

Sample ID: 250 Hacienda Drive
Sampled: 03/09/15 12:16

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	85.0		mg/l	0.01	1	Field	03/09/15 12:16	03/09/15 12:16	clnt	W5C0487

Work Order No: 5C09064-15
Sampled by: Michael Thai

Sample ID: 815 Hampton Road
Sampled: 03/09/15 12:29

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Chlorine Residual, Free.....	81.0		mg/l	0.01	1	Field	03/09/15 12:29	03/09/15 12:29	clnt	W5C0487

Work Order No: 5C09064-16
Sampled by: Michael Thai

Sample ID: Campus Drive
Sampled: 03/09/15 09:35

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Color.....	ND		Color Units	3.0	1	SM 2120B	03/10/15 11:20	03/10/15 12:17	nra	W5C0542
Chlorine Residual, Free.....	0.75		mg/l	0.01	1	Field	03/09/15 09:35	03/09/15 09:35	clnt	W5C0487
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/09/15 17:08	03/09/15 19:18	nra	W5C0501
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/09/15 17:22	03/09/15 18:07	lac	W5C0502

Work Order No: 5C09064-17
Sampled by: Michael Thai

Sample ID: 710 South Santa Anita Ave
Sampled: 03/09/15 09:29

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Color.....	ND		Color Units	3.0	1	SM 2120B	03/10/15 11:20	03/10/15 12:17	nra	W5C0542
Chlorine Residual, Free.....	0.79		mg/l	0.01	1	Field	03/09/15 09:29	03/09/15 09:29	clnt	W5C0487
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/09/15 17:08	03/09/15 19:18	nra	W5C0501
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/09/15 17:22	03/09/15 18:07	lac	W5C0502

Work Order No: 5C09064-18
Sampled by: Michael Thai

Sample ID: 2nd Ave & Alta Street
Sampled: 03/09/15 09:25

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Color.....	ND		Color Units	3.0	1	SM 2120B	03/10/15 11:20	03/10/15 12:17	nra	W5C0542
Chlorine Residual, Free.....	0.81		mg/l	0.01	1	Field	03/09/15 09:25	03/09/15 09:25	clnt	W5C0487
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/09/15 17:08	03/09/15 19:18	nra	W5C0501
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/09/15 17:22	03/09/15 18:07	lac	W5C0502



Certificate of Analysis

Work Order No: 5C09064-19
Sampled by: Michael Thai

Sample ID: 5 Corto Road
Sampled: 03/09/15 12:35

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Color.....	ND		Color Units	3.0	1	SM 2120B	03/10/15 11:20	03/10/15 12:17	nra	W5C0542
Chlorine Residual, Free.....	0.78		mg/l	0.01	1	Field	03/09/15 12:35	03/09/15 12:35	clnt	W5C0487
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/09/15 17:08	03/09/15 19:18	nra	W5C0501
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/09/15 17:22	03/09/15 18:07	lac	W5C0502

Work Order No: 5C09064-20
Sampled by: Michael Thai

Sample ID: 200 Virginia Drive
Sampled: 03/09/15 10:33

Matrix: Water
Sample Note:

Analyte	Result	Qualifier	Units	RL	Dil	Method	Prepared	Analyzed	Analyst	Batch
E. coli.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Total Coliform.....	Absent		N/A	1.0	1	SM 9223B	03/09/15 15:00	03/10/15 12:20	sst	W5C0828
Color.....	ND		Color Units	3.0	1	SM 2120B	03/10/15 11:20	03/10/15 12:17	nra	W5C0542
Chlorine Residual, Free.....	0.93		mg/l	0.01	1	Field	03/09/15 10:33	03/09/15 10:33	clnt	W5C0487
Threshold Odor Number.....	1.0		T.O.N.	1.0	1	EPA 140.1	03/09/15 17:08	03/09/15 19:18	nra	W5C0501
Turbidity.....	ND		NTU	0.10	1	EPA 180.1	03/09/15 17:22	03/09/15 18:07	lac	W5C0502

Case Narrative:

Authorized Signature



Contact: Brandon Gee
(Project Manager)

ELAP # 1132
LACSD # 10143
NELAC # 04229CA

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.

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.

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

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

Tier 3 Public Notificaton Template

Instructions for Tier 3 Monitoring Violations Annual Notice Template

Template Attached

Since most monitoring violations are included in Tier 3, you must provide public notice to persons served within one year after you learn of the violation [California Code of Regulations, Title 22, Chapter 15, Section 64463.7(b)]. Multiple monitoring violations can be serious. **Each water system required to give public notice must submit the notice to the State Water Resources Control Board, Division of Drinking Water (DDW) for approval prior to distribution or posting, unless otherwise directed by the DDW [64463(b)].**

Notification Methods

You must use the methods summarized in the table below to deliver the notice to consumers. If you mail, post, or hand deliver, print your notice on letterhead, if available.

<i>If You Are a...</i>	<i>You Must Notify Consumers by...</i>	<i>...and By One or More of the Following Methods to Reach Persons Not Likely to be Reached by the Previous Method...</i>
Community Water System [64463.7(c)(1)]	Mail or direct delivery ^(a)	Publication in a local newspaper
		Posting ^(b) in conspicuous public places served by the water system or on the Internet
		Delivery to community organizations
Non-Community Water System [64463.7(c)(2)]	Posting in conspicuous locations throughout the area served by the water system ^(b)	Publication in a local newspaper or newsletter distributed to customers
		Email message to employees or students
		Posting ^(b) on the Internet or intranet
		Direct delivery to each customer

(a) Notice must be distributed to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system.

(b) Notice must be posted in place for as long as the violation or occurrence continues, but in no case less than seven days.

The notice attached is appropriate for the methods described above, insertion in an annual notice, or included in the Consumer Confidence Report¹. However, you may wish to modify it before using it for posting. If you do, you must still include all the required elements and leave the standard language for monitoring and testing

¹ CCR may be used as long as public notification timing, content, and delivery requirements are met [64463.7(d)].

procedure violations and notification language in italics unchanged. This language is mandatory [64465].

You may need to modify the template for a notice for individual monitoring violations. The template presents violations in a table; however, you may write out an explanation for each violation if you wish. For any monitoring violation for volatile organic compounds (VOCs) or other groups, you may list the group name in the table, but you must provide the name of every chemical in the group on the notice (e.g., in a footnote). An example is shown in the table below.

<i>Contaminant</i>	<i>Required Sampling Frequency</i>	<i>Number of Samples Taken</i>	<i>When All Samples Should Have Been Taken</i>	<i>When Samples Were or Will Be Taken</i>
VOCs ^(a)	1 sample every 3 years	None	2002 – 2005	February 2006

(a) Benzene; Carbon Tetrachloride; 1,2-Dichlorobenzene; 1,4-Dichlorobenzene; 1,1-Dichloroethane; 1,2-Dichloroethane; 1,1-Dichloroethylene; cis-1,2-Dichloroethylene; trans-1,2-Dichloroethylene; Dichloromethane; 1,2-Dichloropropane; 1,3-Dichloropropene; Ethylbenzene; Methyl-*tert*-butyl ether; Monochlorobenzene; Styrene; 1,1,2,2-Tetrachloroethane; Tetrachloroethylene; Toluene; 1,2,4-Trichlorobenzene; 1,1,1-Trichloroethane; 1,1,2-Trichloroethane; Trichloroethylene; Trichlorofluoromethane; 1,1,2-Trichloro-1,2,2-Trifluoroethane; Vinyl Chloride; and Xylenes.

You may need to modify the notice if you had any monitoring violations for which monitoring later showed a maximum contaminant level or other violation. In such cases, you should refer to the public notice you issued at that time.

Multilingual Requirement

The notice must (1) be provided in English, Spanish, and the language spoken by any non-English-speaking group exceeding 10 percent of the persons served by the water system and (2) include a telephone number or address where such individuals may contact the water system for assistance.

If any non-English-speaking group exceeds 1,000 persons served by the water system, but does not exceed 10 percent served, the notice must (1) include information in the appropriate language(s) regarding the importance of the notice and (2) contain the telephone number or address where such individuals may contact the water system to obtain a translated copy of the notice from the water system or assistance in the appropriate language.

Population Served

Make sure it is clear who is served by your water system -- you may need to list the areas you serve.

Corrective Actions

In your notice, describe corrective actions you took or are taking. Listed below are some steps commonly taken by water systems with monitoring violations. Choose the appropriate language, or develop your own:

- “We have since taken the required samples, as described in the last column of the table above. The samples showed we are meeting drinking water standards.”
- “We have since taken the required samples, as described in the last column of the table above. The sample for [contaminant] exceeded the limit. [Describe corrective action; use information from public notice prepared for violating the limit.]”
- “We plan to take the required samples soon, as described in the last column of the table above.”

After Issuing the Notice

Send a copy of each type of notice and a certification that you have met all the public notice requirements to the DDW within ten days after you issue the notice [64469(d)]. You should also issue a follow-up notice in addition to meeting any repeat notice requirements the DDW sets.

It is recommended that you notify health professionals in the area of the violation. People may call their doctors with questions about how the violation may affect their health, and the doctors should have the information they need to respond appropriately.

It is a good idea to issue a “problem corrected” notice when the violation is resolved.

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

Este informe contiene información muy importante sobre su agua potable.
Tradúzcalo o hable con alguien que lo entienda bien.

Monitoring Requirements Not Met for [System]

Our water system failed to monitor as required for drinking water standards during the past year and, therefore, was in violation of the regulations. Even though this failure was not an emergency, as our customers, you have a right to know what you should do, what happened, and what we did to correct this situation.

We are required to monitor your drinking water for specific contaminants on a regular basis. Results of regular monitoring are an indicator of whether or not our drinking water meets health standards. During [compliance period dates], we [did not monitor or test] or [did not complete all monitoring or testing] for [contaminant(s)] and therefore, cannot be sure of the quality of our drinking water during that time.

What should I do?

- There is nothing you need to do at this time.
- The table below lists the contaminant(s) we did not properly test for during the last year, how many samples we are required to take and how often, how many samples we took, when samples should have been taken, and the date on which follow-up samples were (or will be) taken.

<i>Contaminant</i>	<i>Required Sampling Frequency</i>	<i>Number of Samples Taken</i>	<i>When All Samples Should Have Been Taken</i>	<i>When Samples Were or Will Be Taken</i>
	[number] sample every [number][time interval]			

- If you have health issues concerning the consumption of this water, you may wish to consult your doctor.

What happened? What is being done?

[Describe corrective action].

For more information, please contact [name of contact] at [phone number] or [mailing address].

Please share this information with all the other people who drink this water, especially those who may not have received this notice directly (for example, people in apartments, nursing homes, schools, and businesses). You can do this by posting this public notice in a public place or distributing copies by hand or mail.

Secondary Notification Requirements

Upon receipt of notification from a person operating a public water system, the following notification must be given within 10 days [Health and Safety Code Section 116450(g)]:

- **SCHOOLS:** Must notify school employees, students, and parents (if the students are minors).
- **RESIDENTIAL RENTAL PROPERTY OWNERS OR MANAGERS** (including nursing homes and care facilities): Must notify tenants.
- **BUSINESS PROPERTY OWNERS, MANAGERS, OR OPERATORS:** Must notify employees of businesses located on the property.

This notice is being sent to you by [system].

State Water System ID#: _____. Date distributed: _____.

Proof of Public Notification Form

PROOF OF NOTIFICATION

Name of Water System: **City of Arcadia**

System Number: 1910003

**Certification of Notification for
Monitoring Violation**

As required by *California Code of Regulations*, Title 22, Section 64463.7, *Tier 3 Public Notice*, I notified the users of the water supplied by the City of Arcadia of the violation of Section 64445.1(c)(5) of Title 22, *California Code of Regulations*. I complied with the requirement to conduct public notification as indicated below:

<u>Required Action (indicate all that were used)</u>	<u>Date Completed</u>
Public Notification – Hand Delivery	<input type="text"/>
Public Notification - Mail Delivery	<input type="text"/>
Public Notification – Continuous Posting	<input type="text"/>
Public Notification - Consumer Confidence Report	<input type="text"/>
Public Notification - Other method Specify other method used:	<input type="text"/>

Signature of Water System Representative

Date

ATTACH A COPY OF THE NOTICE USED.

THIS FORM MUST BE COMPLETED AND RETURNED TO THE DIVISION