

STATE OF CALIFORNIA
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH

1
2
3
4 **IN RE:** City of Compton
5 Municipal Water Department
6 205 South Willowbrook Avenue
7 Compton, CA 90200
8

9 **TO:** Mr. Harold Duffey, City Manager
10 City of Compton
11

12 **CITATION FOR NONCOMPLIANCE - WATER SYSTEM NO. 1910026**

13 **CITATION NO. 04-22-13C-002**

14 **Issued on February 12, 2013**
15

16 Section 116650 of Chapter 4, Part 12, Division 104 of the California Health and Safety
17 Code (H&S Code) authorizes the issuance of a citation for failure to comply with a
18 requirement of the California Safe Drinking Water Act, or any regulation, standard,
19 permit, or order issued thereunder.

20
21 The Division of Drinking Water and Environmental Management of the California
22 Department of Public Health (hereinafter, Department) hereby issues a citation to the
23 City of Compton Municipal Water Department (hereinafter, City) (mailing address: 205
24 South Willowbrook Avenue, Compton, CA 90200) for failure to comply with Sections
25 64534.2 (d) (1) and 64534.8 of Title 22, California Code of Regulations.
26
27



1 **APPLICABLE AUTHORITIES**
2

3 Section 116650 of H&S Code provides:
4

5 116650. Citations
6

7 (a) *If the Department determines that a public water system is in violation of this*
8 *chapter or any regulation, permit, standard, citation, or order issued or adopted*
9 *thereunder, the Department may issue a citation to the public water system. The*
10 *citation shall be served upon the public water system personally or by certified*
11 *mail. Service shall be deemed effective as of the date of personal service or the*
12 *date of receipt of the certified mail. If a person to whom a citation is directed*
13 *refuses to accept delivery of the certified mail, the date of service shall be*
14 *deemed to be the date of mailing.*

15
16 (b) *Each citation shall be in writing and shall describe the nature of the violation or*
17 *violations, including a reference to the statutory provision, standard, order,*
18 *citation, permit, or regulation alleged to have been violated.*

19
20 (c) *A citation may specify a date for elimination or correction of the condition*
21 *constituting the violation.*

22
23 (d) *A citation may include the assessment of a penalty as specified in subdivision*
24 *(e).*

25
26 (e) *The Department may assess a penalty in an amount not to exceed one thousand*
27 *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.

3
 4 Title 22, California Code of Regulations, Section 64534.2 states in relevant part:

5
 6 Section 64534.2. Disinfection Byproducts Monitoring.

7
 8 (d) By the applicable date specified in Section 64530 (d), and in lieu of TTHM and
 9 HAA5 monitoring in subsection (a):

10
 11 (1) Community and nontransient noncommunity water systems shall monitor for
 12 TTHM and HAA5 at the frequencies and location totals indicated in Table
 13 64534.2-C and in accordance with the monitoring plan developed pursuant to
 14 Section 64534.8;

15
 16
 17 **Table 64534.2-C Routine Monitoring Frequency for TTHM and HAA5**

Source water type	Persons served	Minimum monitoring frequency ¹	
		Number of distribution system monitoring locations	Monitoring period ²
System using approved surface water	≥5,000,000	20 dual sample sets	Per quarter
	1,000,000-4,999,999	16 dual sample sets	Per quarter
	250,000-999,999	12 dual sample sets	Per quarter
	50,000-249,999	8 dual sample sets	Per quarter
	10,000-49,999	4 dual sample sets	Per quarter
	3,301-9,999	2 dual sample sets	Per quarter
	500-3,300	1 TTHM and 1 HAA5 sample: one at the location with the highest TTHM measurement, one at the location with the highest HAA5 measurement	Per quarter
	<500	1 TTHM and 1 HAA5 sample: one at the location with the highest TTHM measurement, one at the location with the highest HAA5 measurement ³	Per year



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

Source water type	Persons served	Minimum monitoring frequency ¹	
		Number of distribution system monitoring locations	Monitoring period ²
Systems using ground water not under direct influence of surface water	≥500,000	8 dual sample sets	Per quarter
	100,000-499,999	6 dual sample sets	Per quarter
	10,000-99,999	4 dual sample sets	Per quarter
	500-9,999	2 dual sample sets	Per year
	<500	1 TTHM and 1 HAA5 sample: one at the location with the highest TTHM measurement, one at the location with the highest HAA5 measurement ³	Per year

1. All system shall monitor during the month of highest disinfection byproduct concentrations.
2. Systems on quarterly monitoring shall take dual sample sets every 90 days at each monitoring location, except for systems using approved surface water and serving 500-3,300 persons.
3. Only one location with a dual sample set per monitoring period is needed if the highest TTHM and HAA5 concentrations occur at the same location and month.

Title 22, California Code of Regulations, Section 64534.8 states in relevant parts:

Section 64534.8. Monitoring Plans.

(a) A system shall develop and submit to the Department a monitoring plan. The system shall implement the plan after Department review and approval. The system shall maintain the plan and make it available for inspection by the general public no later than 30 days following the applicable compliance date in Sections 64530(a) or (b), and (d)...

(e) The plan developed for compliance monitoring pursuant to Section 64534.2(d) may be revised to reflect changes in treatment, distribution system operations and layout (including new service areas), or other factors that may affect TTHM or HAA5 formation, or for Department-approved reasons, after consultation with the Department regarding the need for changes and the appropriateness of changes. Systems shall comply with the requirements of subsection (a) for the revised plan. If monitoring locations are changed, systems shall replace existing compliance

1 *monitoring locations having the lowest LRAA with new locations that reflect the*
2 *current distribution system locations having expected high TTHM or HAA5 levels.*

3
4 **STATEMENT OF FACTS**

5
6 **Background**

7
8 The City's water system is a community water system supplying water for domestic
9 purposes to approximately 71,000 people through 13,863 metered service
10 connections in the City of Compton, Los Angeles County. A copy of the service area
11 map is attached (Attachment 1).

12
13 The City operates the water system under the authority of a domestic water supply
14 permit issued by the Department on March 2, 1999 and three subsequent
15 amendments issued by the Department on March 27, 2007 and August 10, 2007,
16 September 29, 2008, respectively.

17
18 The City's water system consists of seven active wells and treated surface water from
19 the Metropolitan Water District of Southern California (MWD). In addition, the City has
20 eight emergency interconnections with neighboring water utilities. The City disinfects
21 the water produced by all wells with sodium hypochlorite solution and the treated
22 surface water purchased from MWD is disinfected with chloramines. The City's
23 distribution system consists of four storage reservoirs supplying one pressure zone,
24 with pressure in the mains ranging between 60 and 65 psi.

25
26 Pursuant to Section 64534.2 (d) (1), the City is required to collect eight dual sample
27 sets per quarter for total trihalomethane (TTHM) and haloacetic acids (HAA5)



1 analysis. The City has developed a Stage 2 Disinfectants/Disinfection By-Products
2 Rule (DBPR) monitoring plan and submitted the plan to the Department via e-mail on
3 December 21, 2011. The Department sent the City a letter approving the plan on
4 December 23, 2011. The plan specifies the collection of eight dual sample sets per
5 quarter starting March 2012. The following sample dates were specified for the year
6 of 2012: March 10, June 9, September 8 and December 8 (Attachment 2).
7

8 Summary of Events

9

10 Friday, January 4, 2013

11 The Department received the December 2012 water quality reports from the City.
12 However, the Stage 2 DBPR quarterly summary report for the 4th quarter of 2012 was
13 not included.
14

15 Tuesday, January 8, 2013

16 The Department sent an e-mail to Alex Santos, the Production/Distribution Supervisor
17 with the City, requesting him to submit the 2012 4th quarter Stage 2 DBPR summary
18 report as soon as possible.
19

20 Monday, January 14, 2013

21 Kun Cheng, an Associate Sanitary Engineer with the Department called Mr. Santos
22 regarding the missing report and learned that the City had not collected TTHM and
23 HAA5 samples in December 2012.
24

25 Mr. Cheng sent a follow-up e-mail to Mr. Santos to remind him that the City's
26 approved Stage 2 DBPR Monitoring Plan specified the collection of the 4th quarter
27 TTHM and HAA5 on December 8, 2012.



1 Tuesday, January 22, 2013

2 Mr. Santos submitted via email a copy of the Stage 2 DBPR quarterly summary report
3 for the 4th quarter of 2012 and the laboratory reports (Attachment 3). The report
4 showed that the City had collected a make-up sample on January 14, 2013, more than
5 one month after the 4th quarter sample date specified in the City's Stage 2 DBPR
6 Monitoring Plan.

7
8 **DETERMINATIONS**

9
10 The Department has determined that the City is in violation of Sections 64534.2 (d) (1)
11 and 64534.8 of Title 22, California Code of Regulations due to: 1) the failure to collect
12 eight dual sample sets of TTHM and HAA5 samples in the 4th quarter of 2012, and 2)
13 the failure to monitor in accordance with the City's Stage 2 DBPR Monitoring Plan.

14
15 **DIRECTIVES**

16
17 The City is hereby directed to take the following actions:

- 18
19 1. Institute internal control mechanism(s) to ensure all compliance samples are
20 collected in a timely manner. The City shall develop a plan to improve its water
21 quality monitoring program and submit the plan to the Department by **March 1,**
22 **2012.**
- 23
24 2. Notify all persons served by the City of the TTHM and HAA5 monitoring violation in
25 conformance with Section 64463.7 and Section 64465 of Title 22, California Code
26 of Regulations. Within one year of receiving this citation, the City shall complete
27 the notification. The City shall deliver the notice to each customer receiving a bill



1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

by mail or direct delivery. In addition, the City must use one or more of the following methods to reach persons not likely to be reached by a mailing or direct delivery (renters, university students, nursing home patients, prison inmates, etc.): 1) publication in a local newspaper, 2) posting in conspicuous public places served by the water system, or on the internet; or 3) delivery to community organizations. A template for the Tier 3 public notice is attached (Attachment 4). The content of the notice shall be approved by the Department prior to issuance. A copy of the notification shall be submitted to the Department within **10 days of issuance**, along with the enclosed proof of notification form (Attachment 5).

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

Nothing in this Citation relieves the City of its obligation to meet the requirements of H&S Code, Division 104, Part 12, Chapter 4 (California Safe Drinking Water Act), or any regulation, permit, standard or order issued or adopted thereunder.

All submittals required by this Citation, shall be submitted to the Department at the following address:

Shu-Fang Orr, P.E.
District Engineer, Angeles District
Drinking Water Field Operations Branch
500 N. Central Avenue, Suite 500
Glendale, CA 91203

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

PARTIES BOUND

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

SEVERABILITY

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

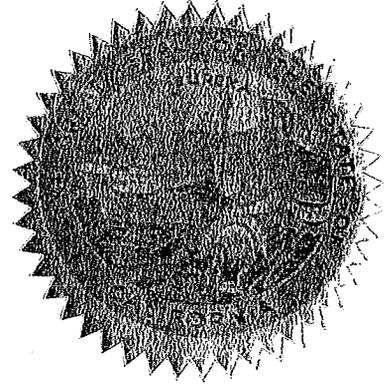
FURTHER ENFORCEMENT ACTION

Division 104, Part 12, Chapter 4, (commencing with Section 116270) of the H&S Code authorizes the Department to issue additional citations with assessment of penalties if a public water system continues to fail to correct a violation identified in a citation; take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the Department; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the Department. By issuance of this citation, the Department does not waive any right to take further enforcement action against the City including but not limited to the assessment of civil penalties as authorized by law.

1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

February 12, 2013
Date

Shu-Fang Orr
Shu-Fang Orr, P.E.
District Engineer
Angeles District
Drinking Water Field Operations Branch



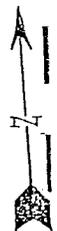
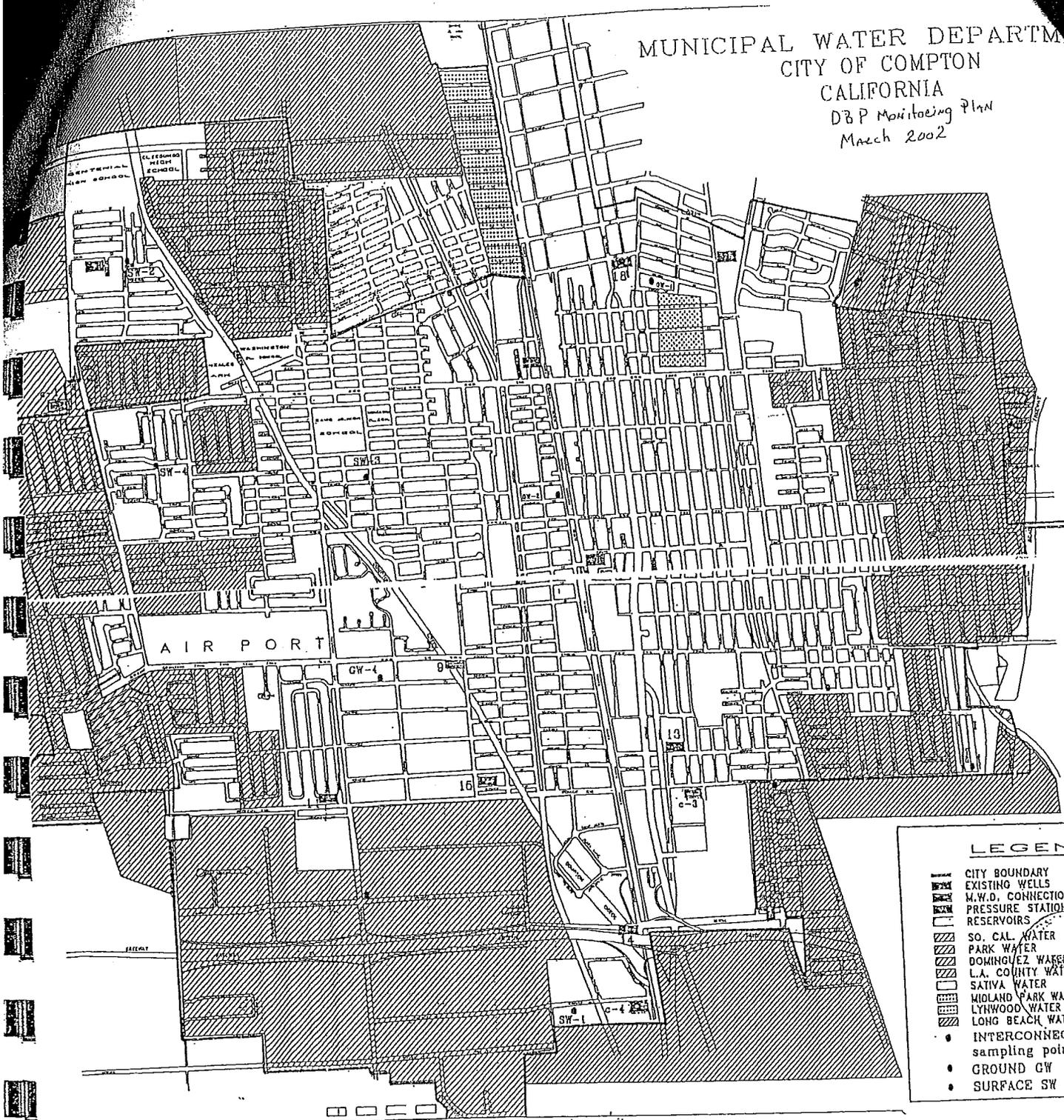
Attachments (5):

1. Service Area Map
2. Stage 2 DBPR Monitoring Plan
3. 4th Quarter 2012 Stage 2 DBPR Summary Report
4. Tier 3 Public Notice Template
5. Public Notification Certification

BY CERTIFIED MAIL NO. 7008 3230 0001 6331 2201

Service Area Map

MUNICIPAL WATER DEPARTMENT
 CITY OF COMPTON
 CALIFORNIA
 DBP Monitoring Plan
 March 2002



LEGEND

- CITY BOUNDARY
- EXISTING WELLS
- M.W.D. CONNECTIONS
- PRESSURE STATIONS
- RESERVOIRS
- ▨ SO. CAL. WATER 538
- ▨ PARK WATER 923
- ▨ DOMINGUEZ WATER 775
- ▨ L.A. COUNTY WATER 738
- ▨ SATIVA WATER 631
- ▨ MIDLAND PARK WATER 631
- ▨ LYHWOOD WATER 631
- ▨ LONG BEACH WATER 421
- INTERCONNECTION sampling points:
- GROUND GW
- SURFACE SW

Stage 2 DBPR Monitoring Plan

Cheng, Kun (CDPH-DDWEM)

From: Alexander Santos <asantos@comptoncity.org>
Sent: Wednesday, December 21, 2011 2:18 PM
To: Cheng, Kun (CDPH-DDWEM)
Attachments: 2011-12-21 STAGE 2 MONITORING PLAN REV0001.pdf

Kun,
Here is the Revised Stage 2 Monitoring Plan(10 Pages)
Alex
310-605-6240

Stage 2 DBP Monitoring Plan

(Please complete all sections below)

General Information

A. PWS Information

B. Date Submitted: NOV 30, 2011

PWS ID: 1910026
PWS Name: COMPTON MUNICIPAL WATER DEPARTMENT
PWS Address: 205 S. WILLOWBROOK AV
City: COMPTON State: CA Zip: 90220
Population Served: 71,000

C. PWS Operations

Residual Disinfectant Type Chlorine Chloramines Other
Number of Disinfected Sources Surface GWUDI 7 Ground 3 Purchased

D. Contact Person

Name: ALEX SANTOS
Title: WATER PRODUCTION & DISTRIBUTION SUPERVISOR
Phone#: 310 605 6240 Fax#: 310 605-0663
E-mail: asantos@comptoncity.org

E. Stage 2 Requirements

1. Number of Compliance Monitoring Sites

Highest TTHM: 3
Highest HAA5: 3
Existing Stage 1: 2
Total: 8

2. Schedule

Schedule 1
 Schedule 2
 Schedule 3
 Schedule 4

Received

DEC 7 2011

CDPH-DWFO

Signature. Alex Santos

Date NOV 30, 2011

F. Stage 2 DBP Monitoring Plan

Stage 2 Compliance Monitoring Site ID		Projected Sampling Date (Date or Week and Month) <i>**Must be provided**</i>			
Station Name <i>*Optional</i>	Street Address and City <i>**Must be provided**</i>	Period 1	Period 2	Period 3	Period 4
Example Station 1	123 Well St.; Reservoir City	April 20th or 4th Week of April	July 19th or 3rd Week of July	October 17th or 3rd Week of October	January 15th or 3rd Week of January
18	707 S. BARCLAY	3-10-12	6-09-12	9-08-12	12-08-12
17	1720 N. ELVA	"	"	"	"
21	701 N. HILLFORD	"	"	"	"
24	1328 W. ARBUTUS	"	"	"	"
20	175 E MANVILLE	"	"	"	"
11	413 S. LOCUST	"	"	"	"
6	1514 W 134th ST	"	"	"	"
8	421 N. NESTOR	"	"	"	"

**** If you modified the sampling location and dates from those in your IDSE report, please provide justification on a separate sheet.**

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

Water System Name: COMPTON MUNICIPAL WATER DEPT

System No. 1910026

Sample Date (month/date/year):	Monitoring Periods				LRAA (TTHM)	Meets Standard? (Y/N)	OEL (TTHM)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current Qtr)				
3-10-12	6-09-12	9-09-12	12-09-12					
Enter Site Name 6 - 1514 W 134 th ST								
Enter Site Name 8 - 421 N. NESTOR								
Enter Site Name 11 - 413 S. LOCUST								
Enter Site Name 17 - 1720 N. ELVA								
Enter Site Name 18 - 707 S. BARCLAY								
Enter Site Name 20 - 175 E Manville								
Enter Site Name 21 - 701 N. HILLFORD								
Enter Site Name 24 - 1328 W. ARBON								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								

Comments:

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

Name & Title of Person Submitting Report Date

MP1=3 Qtrs Ago, MP2=2 Qtrs Ago, MP3= Last Qtr, MP4=Current Qtr
LRAA = Locational Running Annual Avg = (MP1+MP2+MP3+MP4)/4
OEL = Operational Evaluation Levels = (MP2 + MP3 + 2MP4)/4
TTHM MCL = 0.080 mg/L

STAGE 2 DISINFECTION BYPRODUCT RULE
 HALOACETIC ACIDS (HAAS)
 QUARTERLY SUMMARY REPORT

Water System Name: COMPTON MUNICIPAL WATER DEPARTMENT

System No. 1910026

	Monitoring Periods				LRAA (TTHM)	Meets Standard? (Y/N)	OEL (TTHM)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current Qtr)				
Sample Date (month/date/year):	3-10-12	6-09-12	9-08-12	12-08-12				
Enter Site Name 6-1514 W 134th ST								
Enter Site Name 8-421 N. NESTOR								
Enter Site Name 11-413 S. LOCUST								
Enter Site Name 17-1720 N. ELVA								
Enter Site Name 19-701 S. BARCLAY								
Enter Site Name 20-175 E MANVILLE								
Enter Site Name 21-701 N. HILLFORD								
Enter Site Name 24-1328 W. ARBUTHNOT								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								
Enter Site Name								

Comments:

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

Name & Title of Person Submitting Report Date

MP1=3 Qtrs Ago, MP2=2 Qtrs Ago, MP3= Last Qtr, MP4=Current Qtr
 LRAA = Locational Running Annual Avg = (MP1+MP2+MP3+MP4)/4
 OEL = Operational Evaluation Levels = (MP2 + MP3 + 2MP4)/4
 HAAS MCL = 0.060 mg/L

Stage 2 Monitoring Compliance Site ID

22	Compton Municipal Water Department	1910026	Site 18	03/10/12	06/09/12	09/08/12	12/08/12
22	Compton Municipal Water Department	1910026	Site 17	03/10/12	06/09/12	09/08/12	12/08/12
22	Compton Municipal Water Department	1910026	Site 21	03/10/12	06/09/12	09/08/12	12/08/12
22	Compton Municipal Water Department	1910026	Site 24	03/10/12	06/09/12	09/08/12	12/08/12
22	Compton Municipal Water Department	1910026	Site 20	03/10/12	06/09/12	09/08/12	12/08/12
22	Compton Municipal Water Department	1910026	Site 25	03/10/12	06/09/12	09/08/12	12/08/12
22	Compton Municipal Water Department	1910026	Site 6	03/10/12	06/09/12	09/08/12	12/08/12
22	Compton Municipal Water Department	1910026	Site 8	03/10/12	06/09/12	09/08/12	12/08/12



Compliance Calculation Procedures

Annual Monitoring

When monitoring once per year, compliance is based on the value of the yearly samples at each location. If any sample exceed MCL, quarterly sampling will be initiated at all locations.

Quarterly Monitoring

When monitoring quarterly, compliance is based on locational running annual average (LRAA) calculated quarterly using the following formula:

$$\text{LRAA} = (\text{MP1} + \text{MP2} + \text{MP3} + \text{MP4})/4$$

MP1= Result of sample collected 3 Quarters Ago, MP2= Result of sample collected 2 Quarters Ago,

MP3= Result of sample collected Last Quarter, MP4= Result of sample collected Current Quarter

If any quarterly samples are missing, compliance is based on the average of the available data from the most recent four quarters.

Operational Evaluation Level (OEL)

Operational Evaluation Level (OEL) will be calculated for each monitoring location using the following formula:

$$\text{OEL} = (\text{MP2} + \text{MP3} + 2\text{MP4})/4$$

MP2= Result of sample collected 2 Quarters Ago,

MP3= Result of sample collected Last Quarter,

MP4= Result of sample collected Current Quarter

If the OEL is higher than the TTHM or HAA5 MCL at any location in the distribution system, conduct an operational evaluation by examining the system treatment and distribution operational practices, including: storage tank operations; excess storage capacity; distribution system flushing; changes in sources or source water quality; treatment changes; and any problems that may contribute to TTHM or HAA5 formation. Identify what steps could be taken to minimize future OEL exceedances and submit operational evaluation report to CDPH for review within 90 days.

4th Quarter 2012 Stage 2 DBPR Summary Report

Cheng, Kun (CDPH-DDWEM)

From: Alexander Santos <asantos@comptoncity.org>
Sent: Tuesday, January 22, 2013 3:06 PM
To: Ghukasyan, Naira (CDPH-PS-DDWEM)
Cc: Cheng, Kun (CDPH-DDWEM); Alexander Santos
Subject: Q4 2012 TTHM HAA5 REPORTS AND RESULTS
Attachments: 2013-01-14 Q4 TTHM HAA5 RESULTS 3A14064 FINAL.pdf; 2013-01-14 Q4 HAA5 REPORT0001.pdf; 2013-01-14 Q4 TTHM REPORT0001.pdf

Naira,
Here are the TTHM HAA5 reports as requested .

Alex Santos

PRODUCTION & DISTRIBUTION

asantos@comptoncity.org

310-605-6240

<*)>>>{

Water System Name:

COMPTON MUNICIPAL WATER DEPARTMENT

System No.

1910026

Sample Date (month/date/year):	Monitoring Periods				LRAA (HAAS)	Meets Standard? (Y/N)	OEL (HAAS)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current)				
	Mar04,2012	Jun17,2012	Sep 09,2012	01/14/13				
1910026-800 Site 6-- 1514 W 134th St	19.00	22.90	12.60	13.00	16.88	Y	15.38	N
1910026-801 Site 8-- 421 N Nestor	19.10	21.60	13.00	14.00	16.93	Y	15.65	N
1910026-802 Site 11-- 413 S Locust	0.00	2.50	0.00	15.00	4.38	Y	8.13	N
1910026-803 Site 17--1720 N Elva	19.40	22.40	12.40	15.00	17.30	Y	16.20	N
1910026-804 Site 18-- 707 S Barclay	19.80	22.50	13.40	15.00	17.68	Y	16.48	N
1910026-805 Site 20--175 E Manville	4.90	5.20	4.90	2.20	4.30	Y	3.63	N
1910026-806 Site 21-- 701 N Hillford	17.70	21.50	12.70	16.00	16.98	Y	16.55	N
1910026-807 Site 24-- 1328 W Arbutus	19.40	22.40	13.20	14.00	17.25	Y	15.90	N

Comments:

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

Name & Title of Person Submitting Report: Alex Santos 22 JAN 2013 Date: 22-Jan-13

Alex Santos Water Production Supervisor

MP1=3 Qtrs Ago, MP2=2 Qtrs Ago, MP3= Last Qtr, MP4=Current Qtr
 LRAA = Locational Running Annual Avg = (MP1+MP2+MP3+MP4)/4
 OEL = Operational Evaluation Levels = (MP2 + MP3 + 2MP4)/4
 HAAS MCL= 0.060 mg/L

Water System Name:

COMPTON MUNICIPAL WATER DEPARTMENT

System No.

1910026

	Monitoring Periods				LRAA (TTHM)	Meets Standard? (Y/N)	OEL (TTHM)	Exceed OEL (Y/N)
	MP1	MP2	MP3	MP4 (Current Qtr)				
<i>Sample Date (month/date/year):</i>	<i>Mar04,2012</i>	<i>Jun 17,2012</i>	<i>Sep 09,2012</i>	<i>Jan 14,2013</i>				
1910026-800 Site 6--1514 W 134th St	55.50	74.30	38.90	51.00	54.93	Y	53.80	N
1910026-801 Site 8--421 N Nestor	54.40	58.90	38.90	55.00	51.80	Y	51.95	N
1910026-802 Site 11--413 S Locust	1.00	11.10	6.40	52.00	17.63	Y	30.38	N
1910026-803 Site 17-- 1720 N Elva	59.70	68.80	38.20	51.00	54.43	Y	52.25	N
1910026-804 Site 18--707 S Barclay	58.60	70.30	41.90	52.00	55.70	Y	54.05	N
1910026-805 Site 20--175 E Manville	38.20	25.10	18.70	34.00	29.00	Y	27.95	N
1910026-806 Site 21-- 701 N Hillford	57.10	63.50	35.20	55.00	52.70	Y	52.18	N
1910026-807 Site 24--1328 W Arbutus	61.30	67.00	33.60	56.00	54.48	Y	53.15	N

Comments:

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

Name & Title of Person Submitting Report

Alex Santos 22 JAN 2013

Date 22-Jan-13

Alex Santos Water Production&Distribution Supervisor

MP1=3 Qtrs Ago, MP2=2 Qtrs Ago, MP3= Last Qtr, MP4=Current Qtr
 LRAA = Locational Running Annual Avg = (MP1+MP2+MP3+MP4)/4
 OEL = Operational Evaluation Levels = (MP2 + MP3 + 2MP4)/4
 TTHM MCL = 0.080 mg/L



Certificate of Analysis

Report Date: 01/22/13 12:26
Received Date: 01/14/13 14:13
Turnaround Time: Normal

Project: Stage 2 TTHM HAA5

Phones: (310) 605-6240
Fax: (310) 763-4567

P.O. #:

Attn: Alexander Santos

Client: City of Compton Municipal Water Department
205 South Willowbrook Avenue
Compton, CA 90220

Dear Alexander Santos :

Enclosed are the results of analyses for samples received 1/14/2013 with the Chain of Custody document. The samples were received in good condition, at 12.8 °C and on ice. All analysis met the method criteria except as noted below or in the report with data qualifiers.

Lab Sample ID: 3A14064-01 Sample ID: 1910026-800 Site 6 1515 W 134th St Matrix: Water
Sampled by: AP-J Garfias Sampled: 01/14/13 09:30

Table with 11 columns: Analyte, Result, MDL, MRL, Units, Dil, Method, Prepared, Analyzed, Batch, Qualifier. Rows include Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane, THMs, Total, Surrogate: 1,2-Dichlorobenzene-d4, Surrogate: 4-Bromofluorobenzene, Dibromoacetic acid (dbaa), Dichloroacetic acid (dcaa), HAA5, Total, Monobromoacetic acid (mbaa), Monochloroacetic acid (mcaa), Trichloroacetic acid (tcaa), Surrogate: 2,3-Dibromopropionic acid.

Lab Sample ID: 3A14064-02 Sample ID: 1910026-801 Site 8 421 N Nestor Matrix: Water
Sampled by: AP-J Garfias Sampled: 01/14/13 09:45

Table with 11 columns: Analyte, Result, MDL, MRL, Units, Dil, Method, Prepared, Analyzed, Batch, Qualifier. Rows include Bromodichloromethane, Bromoform, Chloroform, Dibromochloromethane, THMs, Total, Surrogate: 1,2-Dichlorobenzene-d4, Surrogate: 4-Bromofluorobenzene, Dibromoacetic acid (dbaa).



Certificate of Analysis

Lab Sample ID: 3A14064-02 Sample ID: 1910026-801 Site 8 421 N Nestor Matrix: Water
Sampled by: AP-J Garfias Sampled: 01/14/13 09:45

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Dichloroacetic acid (dcaa)	4.3		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:20	W3A0612	
HAA5, Total	14		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:20	W3A0612	
Monobromoacetic acid (mbaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:20	W3A0612	
Monochloroacetic acid (mcaa)	ND		2.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:20	W3A0612	
Trichloroacetic acid (tcaa)	2.7		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:20	W3A0612	
Surrogate: 2,3-Dibromopropionic acid	105 %		70-130	%		Concentration:10.5				

Lab Sample ID: 3A14064-03 Sample ID: 1910026-802 Site 11 413 S Locust Matrix: Water
Sampled by: AP-J Garfias Sampled: 01/14/13 10:45

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Bromodichloromethane	14		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:23	W3A0542	
Bromoform	9.3		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:23	W3A0542	
Chloroform	7.2		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:23	W3A0542	
Dibromochloromethane	22		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:23	W3A0542	
THMs, Total	52		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:23	W3A0542	
Surrogate: 1,2-Dichlorobenzene-d4	78 %		70-130	%		Concentration:7.81				
Surrogate: 4-Bromofluorobenzene	86 %		70-130	%		Concentration:8.56				
Dibromoacetic acid (dbaa)	7.2		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:47	W3A0612	
Dichloroacetic acid (dcaa)	5.4		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:47	W3A0612	
HAA5, Total	15		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:47	W3A0612	
Monobromoacetic acid (mbaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:47	W3A0612	
Monochloroacetic acid (mcaa)	ND		2.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:47	W3A0612	
Trichloroacetic acid (tcaa)	2.8		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 17:47	W3A0612	
Surrogate: 2,3-Dibromopropionic acid	103 %		70-130	%		Concentration:10.3				

Lab Sample ID: 3A14064-04 Sample ID: 1910026-803 Site 17 1720 N Elva Matrix: Water
Sampled by: AP-J Garfias Sampled: 01/14/13 10:45

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Bromodichloromethane	14		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:49	W3A0542	
Bromoform	8.9		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:49	W3A0542	
Chloroform	7.0		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:49	W3A0542	
Dibromochloromethane	21		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:49	W3A0542	
THMs, Total	51		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 14:49	W3A0542	
Surrogate: 1,2-Dichlorobenzene-d4	80 %		70-130	%		Concentration:8.04				
Surrogate: 4-Bromofluorobenzene	83 %		70-130	%		Concentration:8.31				
Dibromoacetic acid (dbaa)	6.9		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:14	W3A0612	
Dichloroacetic acid (dcaa)	5.0		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:14	W3A0612	
HAA5, Total	15		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:14	W3A0612	
Monobromoacetic acid (mbaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:14	W3A0612	
Monochloroacetic acid (mcaa)	ND		2.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:14	W3A0612	
Trichloroacetic acid (tcaa)	2.7		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:14	W3A0612	
Surrogate: 2,3-Dibromopropionic acid	117 %		70-130	%		Concentration:11.7				



Certificate of Analysis

Lab Sample ID: 3A14064-05
Sampled by: AP-J Garfias

Sample ID: 1910026-804 Site 18 707 S Barclay
Sampled: 01/14/13 10:30

Matrix: Water

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Bromodichloromethane	14		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:15	W3A0542	
Bromoform	9.0		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:15	W3A0542	
Chloroform	7.3		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:15	W3A0542	
Dibromochloromethane	22		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:15	W3A0542	
THMs, Total	52		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:15	W3A0542	
Surrogate: 1,2-Dichlorobenzene-d4	82 %		70-130	%		Concentration: 8.24				
Surrogate: 4-Bromofluorobenzene	85 %		70-130	%		Concentration: 8.49				
Dibromoacetic acid (dbaa)	7.2		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:41	W3A0612	
Dichloroacetic acid (dcaa)	4.4		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:41	W3A0612	
HAA5, Total	15		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:41	W3A0612	
Monobromoacetic acid (mbaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:41	W3A0612	
Monochloroacetic acid (mcaa)	ND		2.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:41	W3A0612	
Trichloroacetic acid (tcaa)	3.0		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 18:41	W3A0612	
Surrogate: 2,3-Dibromopropionic acid	119 %		70-130	%		Concentration: 11.9				

Lab Sample ID: 3A14064-06
Sampled by: AP-J Garfias

Sample ID: 1910026-805 Site 20 175 E Manville
Sampled: 01/14/13 10:00

Matrix: Water

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Bromodichloromethane	5.1		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:40	W3A0542	
Bromoform	15		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:40	W3A0542	
Chloroform	2.8		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:40	W3A0542	
Dibromochloromethane	11		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:40	W3A0542	
THMs, Total	34		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 15:40	W3A0542	
Surrogate: 1,2-Dichlorobenzene-d4	87 %		70-130	%		Concentration: 8.66				
Surrogate: 4-Bromofluorobenzene	90 %		70-130	%		Concentration: 9.05				
Dibromoacetic acid (dbaa)	2.2		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:08	W3A0612	
Dichloroacetic acid (dcaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:08	W3A0612	
HAA5, Total	2.2		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:08	W3A0612	
Monobromoacetic acid (mbaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:08	W3A0612	
Monochloroacetic acid (mcaa)	ND		2.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:08	W3A0612	
Trichloroacetic acid (tcaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:08	W3A0612	
Surrogate: 2,3-Dibromopropionic acid	103 %		70-130	%		Concentration: 10.3				

Lab Sample ID: 3A14064-07
Sampled by: AP-J Garfias

Sample ID: 1910026-806 Site 21 701 N Hillford
Sampled: 01/14/13 09:15

Matrix: Water

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Bromodichloromethane	15		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:06	W3A0542	
Bromoform	9.6		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:06	W3A0542	
Chloroform	7.4		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:06	W3A0542	
Dibromochloromethane	23		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:06	W3A0542	
THMs, Total	55		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:06	W3A0542	
Surrogate: 1,2-Dichlorobenzene-d4	84 %		70-130	%		Concentration: 8.38				
Surrogate: 4-Bromofluorobenzene	88 %		70-130	%		Concentration: 8.77				
Dibromoacetic acid (dbaa)	7.6		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:35	W3A0612	



Certificate of Analysis

Lab Sample ID: 3A14064-07 Sample ID: 1910026-806 Site 21 701 N Hillford Matrix: Water
 Sampled by: AP-J Garfias Sampled: 01/14/13 09:15

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Dichloroacetic acid (dcaa)	5.0		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:35	W3A0612	
HAA5, Total	16		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:35	W3A0612	
Monobromoacetic acid (mbaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:35	W3A0612	
Monochloroacetic acid (mcaa)	ND		2.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:35	W3A0612	
Trichloroacetic acid (tcaa)	3.1		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 19:35	W3A0612	
Surrogate: 2,3-Dibromopropionic acid	124 %		70-130	%		Concentration:12.4				

Lab Sample ID: 3A14064-08 Sample ID: 1910026-807 Site 24 1328 W Arbutus Matrix: Water
 Sampled by: AP-J Garfias Sampled: 01/14/13 09:30

Analyte	Result	MDL	MRL	Units	Dil	Method	Prepared	Analyzed	Batch	Qualifier
Bromodichloromethane	15		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:32	W3A0542	
Bromoform	10		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:32	W3A0542	
Chloroform	7.5		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:32	W3A0542	
Dibromochloromethane	23		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:32	W3A0542	
THMs, Total	56		0.50	ug/l	1	EPA 524.2	1/15/13	1/15/13 16:32	W3A0542	
Surrogate: 1,2-Dichlorobenzene-d4	85 %		70-130	%		Concentration:8.47				
Surrogate: 4-Bromofluorobenzene	87 %		70-130	%		Concentration:8.67				
Dibromoacetic acid (dbaa)	7.0		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 20:02	W3A0612	
Dichloroacetic acid (dcaa)	4.0		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 20:02	W3A0612	
HAA5, Total	14		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 20:02	W3A0612	
Monobromoacetic acid (mbaa)	ND		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 20:02	W3A0612	
Monochloroacetic acid (mcaa)	ND		2.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 20:02	W3A0612	
Trichloroacetic acid (tcaa)	2.8		1.0	ug/l	1	EPA 552.2	1/16/13	1/17/13 20:02	W3A0612	
Surrogate: 2,3-Dibromopropionic acid	105 %		70-130	%		Concentration:10.5				



Certificate of Analysis

Quality Control Section

HAA5 by EPA 552.2 - Quality Control

Batch W3A0612 - EPA 552.2

Blank (W3A0612-BLK1)

Prepared: 01/16/13 Analyzed: 01/17/13 14:11

Table with 10 columns: Analyte, Sample Result, QC Result, Qualifier, Units, Spike Level, %REC, %REC Limits, RPD, RPD Limit. Rows include Surrogate: 2,3-Dibromopropionic acid and various HAA5 components.

LCS (W3A0612-BS1)

Prepared: 01/16/13 Analyzed: 01/17/13 14:38

Table with 10 columns: Analyte, Sample Result, QC Result, Qualifier, Units, Spike Level, %REC, %REC Limits, RPD, RPD Limit. Rows include Surrogate: 2,3-Dibromopropionic acid and various HAA5 components.

Matrix Spike (W3A0612-MS1)

Source: 3A14064-01

Prepared: 01/16/13 Analyzed: 01/17/13 15:05

Table with 10 columns: Analyte, Sample Result, QC Result, Qualifier, Units, Spike Level, %REC, %REC Limits, RPD, RPD Limit. Rows include Surrogate: 2,3-Dibromopropionic acid and various HAA5 components.

Matrix Spike (W3A0612-MS2)

Source: 3A15082-03

Prepared: 01/16/13 Analyzed: 01/17/13 15:59

Table with 10 columns: Analyte, Sample Result, QC Result, Qualifier, Units, Spike Level, %REC, %REC Limits, RPD, RPD Limit. Rows include Surrogate: 2,3-Dibromopropionic acid and various HAA5 components.

Matrix Spike Dup (W3A0612-MSD1)

Source: 3A14064-01

Prepared: 01/16/13 Analyzed: 01/17/13 15:32

Table with 10 columns: Analyte, Sample Result, QC Result, Qualifier, Units, Spike Level, %REC, %REC Limits, RPD, RPD Limit. Rows include Surrogate: 2,3-Dibromopropionic acid and various HAA5 components.



Certificate of Analysis

HAAs by EPA 552.2 - Quality Control

Batch W3A0612 - EPA 552.2

Matrix Spike Dup (W3A0612-MSD1)		Source: 3A14064-01			Prepared: 01/16/13		Analyzed: 01/17/13 15:32		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Dibromoacetic acid (dbaa)	6.29	18.4		ug/l	10.0	121	70-130	12	30
Matrix Spike Dup (W3A0612-MSD2)		Source: 3A15082-03			Prepared: 01/16/13		Analyzed: 01/17/13 16:26		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 2,3-Dibromopropionic acid		11.2		ug/l	10.0	112	70-130		
Monochloroacetic acid (mcaa)	ND	12.1		ug/l	10.0	121	70-130	8	30
Monobromoacetic acid (mbaa)	ND	12.7		ug/l	10.0	127	70-130	2	30
Dichloroacetic acid (dcaa)	ND	15.2	MS-05	ug/l	10.0	152	70-130	3	30
Trichloroacetic acid (tcaa)	ND	12.9		ug/l	10.0	129	70-130	13	30
Dibromoacetic acid (dbaa)	ND	12.2		ug/l	10.0	122	70-130	6	30

Volatile Organic Compounds by EPA Method 524.2 - Quality Control

Batch W3A0542 - EPA 524.2

Blank (W3A0542-BLK1)					Prepared: 01/15/13		Analyzed: 01/15/13 13:06		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 1,2-Dichlorobenzene-d4		8.15		ug/l	10.0	82	70-130		
Surrogate: 4-Bromofluorobenzene		8.54		ug/l	10.0	85	70-130		
Chloroform		ND		ug/l					
Bromodichloromethane		ND		ug/l					
Dibromochloromethane		ND		ug/l					
Bromoform		ND		ug/l					
THMs, Total		ND		ug/l					
LCS (W3A0542-BS1)					Prepared: 01/15/13		Analyzed: 01/15/13 11:24		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 1,2-Dichlorobenzene-d4		9.59		ug/l	10.0	96	70-130		
Surrogate: 4-Bromofluorobenzene		9.97		ug/l	10.0	100	70-130		
Chloroform		6.06		ug/l	6.00	101	70-130		
Bromodichloromethane		6.26		ug/l	6.00	104	70-130		
Dibromochloromethane		5.97		ug/l	6.00	100	70-130		
Bromoform		5.89		ug/l	6.00	98	70-130		
LCS Dup (W3A0542-BSD1)					Prepared: 01/15/13		Analyzed: 01/15/13 11:49		
Analyte	Sample Result	QC Result	Qualifier	Units	Spike Level	%REC	%REC Limits	RPD	RPD Limit
Surrogate: 1,2-Dichlorobenzene-d4		10.0		ug/l	10.0	100	70-130		
Surrogate: 4-Bromofluorobenzene		10.4		ug/l	10.0	104	70-130		
Chloroform		5.95		ug/l	6.00	99	70-130	2	30
Bromodichloromethane		6.15		ug/l	6.00	102	70-130	2	30
Dibromochloromethane		6.01		ug/l	6.00	100	70-130	0.7	30
Bromoform		6.17		ug/l	6.00	103	70-130	5	30



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: Ana Spencer (Project Manager)



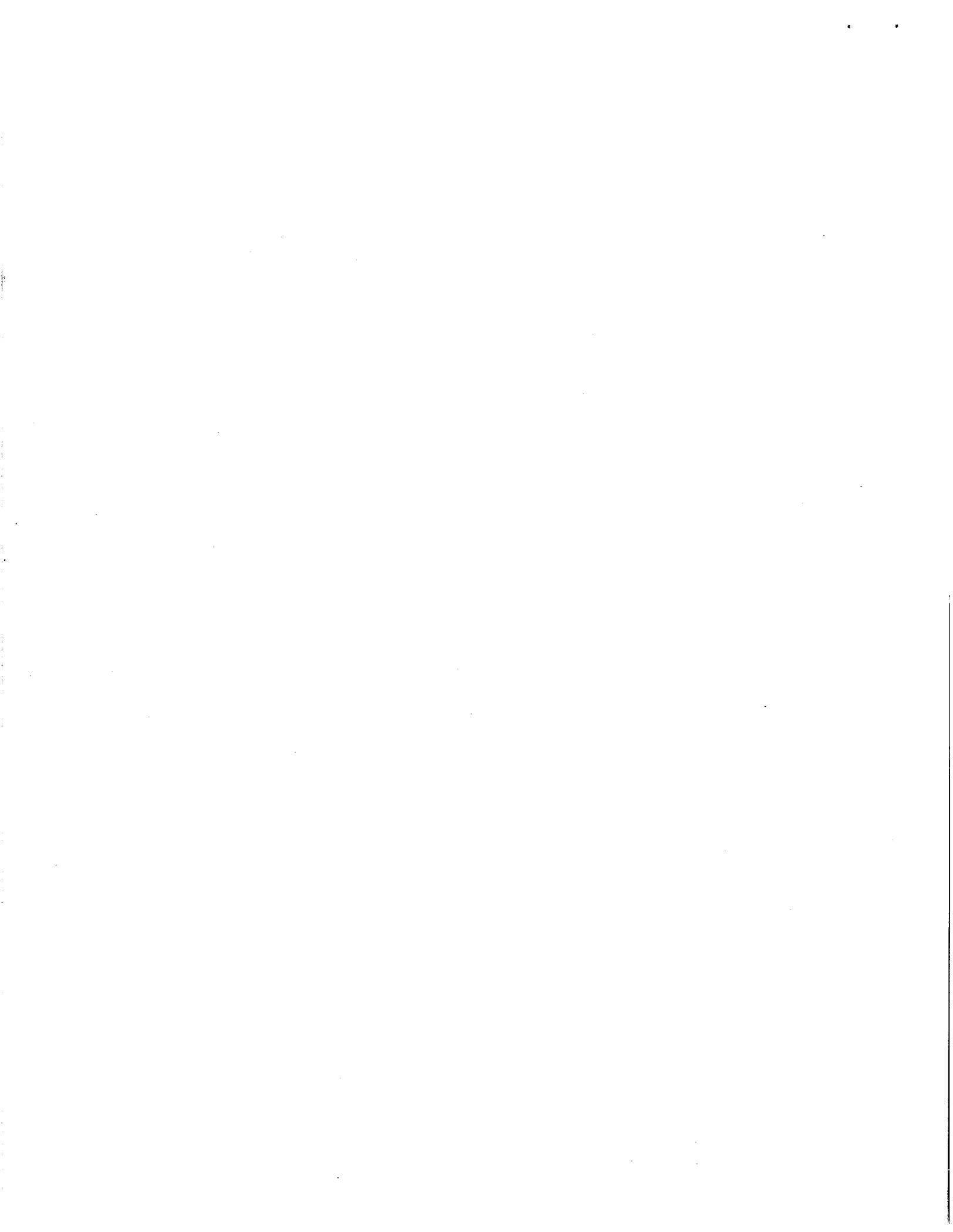
ELAP # 1132
LACSD # 10143
NELAC # 04229CA

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.

Flags for Data Qualifiers:

- MS-05 The spike recovery and/or RPD were outside acceptance limits for the MS and/or MSD due to possible matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
- 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

Tier 3 Public Notice 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 Department for approval prior to distribution or posting, unless otherwise directed by the Department [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 procedure violations and notification language in italics unchanged. This language is mandatory [64465].

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

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

Spanish. Each public notice must contain information in Spanish regarding (1) the importance of the notice or (2) contain a telephone number or address where Spanish-speaking residents may contact the water system to obtain a translated copy of the public notice or assistance in Spanish.

Non-English Speaking Groups Other than Spanish-Speaking. For each group that exceeds 1,000 residents or 10% of the residents in the community served, whichever is less, the public notice must (1) contain information in the appropriate language(s) regarding the importance of the notice or (2) contain a telephone number or address where such residents may contact the water system to obtain a translated copy of the notice 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 Department 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 Department 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: _____.



Public Notification Certification

PROOF OF NOTIFICATION

Name of Water System: City of Compton Municipal Water Department

System Number: 1910026

**Certification of Notification for
Monitoring and Reporting Violation**

As required by *California Code of Regulations*, Title 22, Section 64463.7, I notified the users of the water supplied by City of Compton Municipal Water Department of the violation of Sections 64534.2 (d) (1) and 64534.8 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 DEPARTMENT