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**STATE OF CALIFORNIA
CALIFORNIA DEPARTMENT OF PUBLIC HEALTH**

IN RE: City of Santa Fe Springs Water Division
12636 Emmens Way
Santa Fe Springs, CA 90670-3942

TO: Mr. Frank Beach, Utility Services Manager
City of Santa Fe Springs

CITATION FOR NONCOMPLIANCE - WATER SYSTEM NO. 1910245

CITATION NO. 04-22-13C-007

Issued on July 31, 2013

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

The Division of Drinking Water and Environmental Management of the California Department of Public Health (hereinafter, Department) hereby issues a citation to the City of Santa Fe Springs (hereinafter, City) (mailing address: 12636 Emmens Way, Santa Fe Springs, CA 90670) for failure to comply with Sections 64534.2 (d) and 64534.8 of Title 22, California Code of Regulations.

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*

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

Title 22, California Code of Regulations, Section 64534 states in relevant part:

Section 64534. General Monitoring Requirements.

g) Systems that fail to monitor in accordance with the monitoring plan required by Section 64534.8 shall be in violation of the monitoring requirements, and shall notify the public pursuant to Sections 64463, 64463.7, and 64465, in addition to reporting to the Department pursuant to Sections 64537 through 64537.6.

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

Section 64534.2 Disinfection Byproducts Monitoring.

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

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

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
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.

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

STATEMENT OF FACTS

Background

The City's water system is a community water system supplying water for domestic purposes to approximately 16,223 people through 5,408 metered service connections

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1 in the City of Santa Fe Springs, Los Angeles County. A copy of the service area map
2 is attached (Attachment 1).

3
4 The City operates the water system under the authority of a domestic water supply
5 permit issued by the Department on September 18, 1970 and subsequent amendment
6 issued by the Department on May 8, 1978.

7
8 The sources of supply for the City's water system include an active well, two
9 interconnections with the Metropolitan Water District of Southern California (MWDSC)
10 and a connection with the City of Whittier. Majority of the water supplied by the
11 connection with the City of Whittier is treated groundwater from the Central Basin
12 Treatment Plant (CBTP). In addition, the City has three emergency interconnections
13 with neighboring water utilities. The City disinfects the water produced by the well with
14 sodium hypochlorite solution and the treated surface water purchased from MWDSC
15 is disinfected with chloramines. The treated groundwater water from CBTP is
16 chlorinated. The City's distribution system consists of two storage reservoirs
17 supplying two pressure zones, with system pressure ranging between 60 and 90 psi.

18 Pursuant to Section 64534.2 (d) (1), the City is required to collect four dual sample
19 sets per quarter for total trihalomethane (TTHM) and haloacetic acids (HAA5)
20 analysis. The City had submitted the Initial Distribution System Evaluation Report for
21 Standard Monitoring (IDSE Report) to the Department on January 5, 2009. The IDSE
22 Report recommended the following sites to be monitored for TTHM and HAA5: 13833
23 Freeway Drive (IDSE Site 8), 12636 Emmens Way (IDSE Site 5), Northwest Corner
24 Excelsior/Shoemaker (IDSE Site 6) and 11528 Cecilia Street (IDSE Site 3). The
25 proposed sampling dates for the first four quarters of samples specified in the report
26 were first week of April 2012, first week of July 2012, first week of October 2012 and
27

1 first week of January 2013. The Department approved the IDSE Report on February
2 27, 2009. Because the City did not include in the IDSE Report the Stage 2
3 Disinfectants and Disinfection Byproduct Rule (DBPR) compliance calculation
4 procedures, the City was directed by the Department to prepare a Stage 2 DBPR
5 Compliance Monitoring Plan before starting Stage 2 compliance monitoring.

6
7 On November 30, 2011, the City submitted the Stage 2 DBPR Compliance Monitoring
8 Plan (Attachment 2). In the plan, the City proposed to monitor for TTHM and HAA5 at
9 the same locations and same weeks/months (first week of April, first week of July, first
10 week of October, and first week of January) as identified in the approved IDSE Report.
11 A letter approving the plan was mailed to the City on December 9, 2011.

12 Summary of Events

13 Tuesday, July 2, 2013

14
15 Ofelia Oracion, a Sanitary Engineer with the Department, conducted the reviews of the
16 City's Stage 2 DBPR monitoring data. She discovered although the City had collected
17 the first four quarters of Stage 2 DBPR TTHM and HAA5 samples at the locations
18 identified in the approved plan, these samples were not collected in accordance with
19 the schedules specified in the approved plan. Instead of collecting the samples during
20 the first week of April 2012, first week of July 2012, first week of October 2012, and
21 first week of January 2013, the samples were collected on May 2, 2012, August 8,
22 2012, November 20, 2012, and March 20, 2013. Ms. Oracion advised the City via e-
23 mail that they had not been collecting the TTHM and HAA5 samples in accordance
24 with the approved plan (Attachment 3).
25
26
27

1 Wednesday, July 3, 2013

2 Mr. Matthew Tryon, the City's Water Utility Superintendent, replied to the e-mail sent
3 by Ms. Oracion, indicating he would gather the City's records and update the
4 Department of his findings (Attachment 4).

5
6 Wednesday, July 9, 2013

7 The Department received the June 2013 monitoring reports from the City. The reports
8 were submitted via e-mail by Mr. Tryon.

9
10 Tuesday, July 16, 2013

11 Ms. Naira Ghukasyan, an Environmental Scientist with the Department, reviewed the
12 June 2013 monitoring reports submitted by the City and discovered that the Stage 2
13 DBPR Quarterly Report and Disinfectant Residuals Quarterly Report were missing.
14 Ms. Ghukasyan sent an e-mail to Mr. Tryon.

15 Since the Department had not received any update from the City regarding the
16 incorrect sampling schedules during April 2012 to March 2013, Ms. Oracion sent a
17 follow-up e-mail to the City.
18

19
20 Wednesday, July 17, 2013

21 Mr. Tryon sent a response e-mail to Ms. Ghukasyan and attached the missing
22 monitoring reports. According to Mr. Tryon, the City got confused and did not collect
23 the TTHM and HAA5 samples during the second quarter of 2013. The City collected
24 the samples on July 3, 2013 to represent the second quarter and would collect
25 another sample by the end of July 2013 to represent the third quarter TTHM and
26 HAA5 compliance monitoring (Attachment 5).
27

1 Thursday, July 18, 2013

2 Ms. Ghukasyan informed Ms. Oracion of the City's missing 2013 second quarter
3 TTHM and HAA5 samples. Ms. Oracion reviewed the report and left a telephone
4 message to Mr. Tryon regarding the missing 2013 second quarter samples. Mr. Tryon
5 replied to Ms. Oracion via e-mail that the City got confused and would collect one
6 more set of samples toward the end of July 2013.

7
8 Friday, July 19, 2013

9 Ms. Oracion advised the City via e-mail, informing them that the samples collected on
10 July 3, 2013, cannot be considered as make-up sample for the second quarter 2013
11 compliance monitoring (Attachment 6). The July 3, 2012 samples belong to the third
12 quarter 2013.

13
14 **DETERMINATIONS**

15 The Department has determined that the City is in violation of Sections 64534.2 (d)
16 and 64534.8 of Title 22, California Code of Regulations due to: 1) the failure to
17 monitor in accordance with the City's Stage 2 DBPR Compliance Monitoring Plan and
18 2) the failure to collect the four dual sample sets of TTHM and HAA5 samples in the
19 2nd quarter of 2013.

20
21 **DIRECTIVES**

22
23 The City is hereby directed to take the following actions:

- 24
25 1. Institute internal control mechanism(s) to ensure all compliance samples are
26 collected per the approved plan and in a timely manner. The City shall develop a
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plan to improve its water quality monitoring program and submit the plan to the Department by **August 31, 2013**.

- 2. Notify all persons served by the City of the TTHM and HAA5 monitoring violation in conformance with Section 64463.7 and Section 64465 of Title 22, California Code of Regulations. Within one year of receiving this citation, the City shall complete the notification. The City shall deliver the notice to each customer receiving a bill 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 7). 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 8).

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.

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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

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.

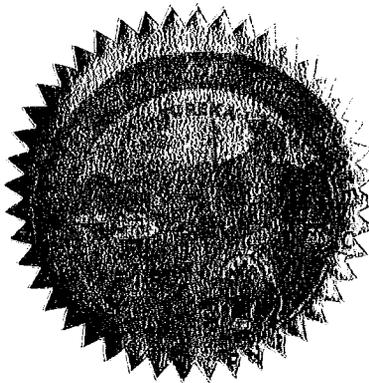
FURTHER ENFORCEMENT ACTION

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

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

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7
8 July 31, 2013
Date

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



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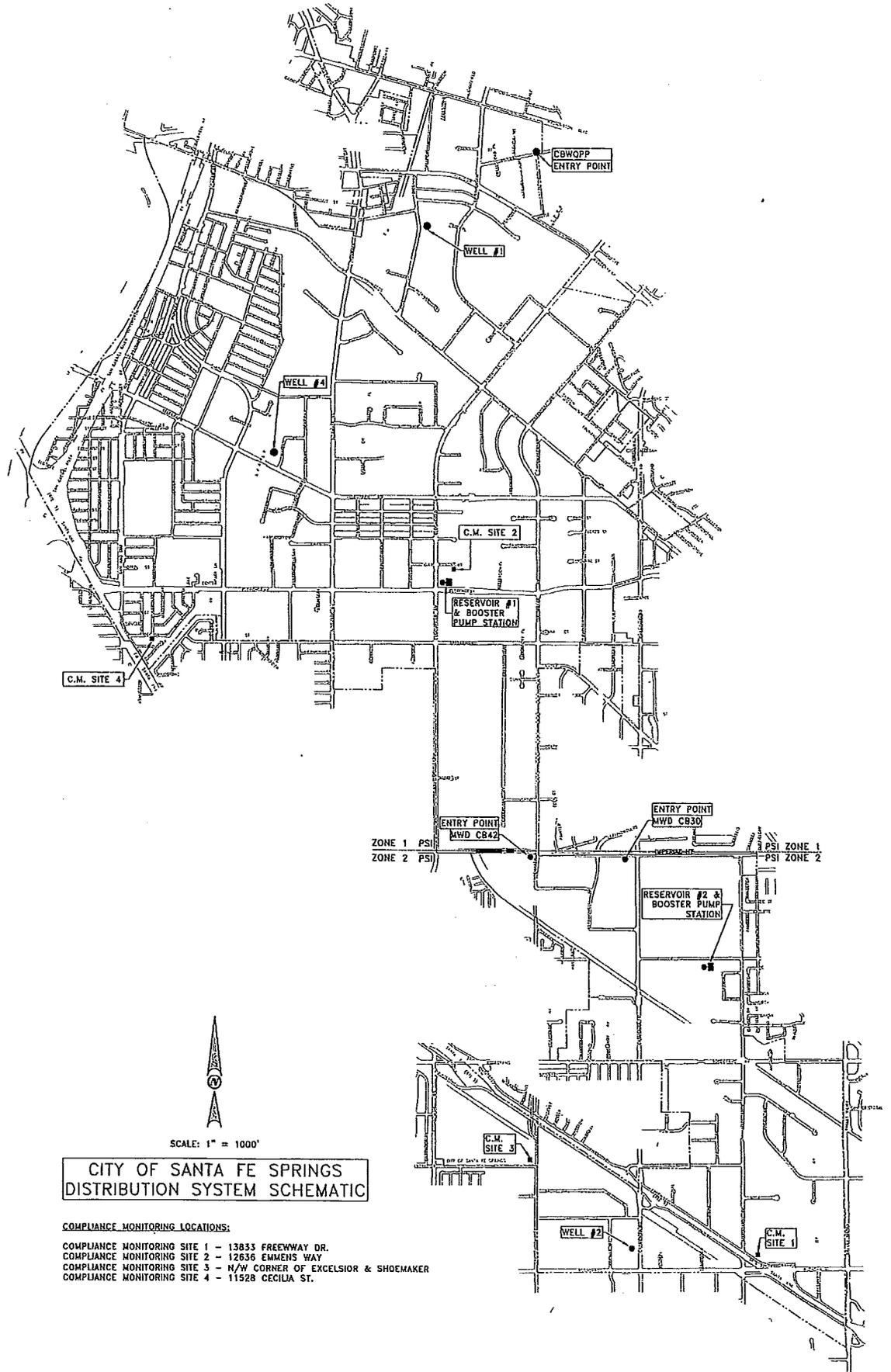
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Attachments (8):

- 1. Service Area Map
- 2. Stage 2 DBPR Monitoring Plan
- 3. The Department's E-mail of July 2, 2013
- 4. The City's E-mail of July 3, 2013
- 5. The City's E-mail of July 17, 2013 with 2th Quarter 2013 Stage 2 DBPR Summary Report
- 6. The Department's E-mail of July 19, 2013
- 7. Tier 3 Public Notice Template
- 8. Public Notification Certification

BY CERTIFIED MAIL NO. XXXXX

Service Area Map



**CITY OF SANTA FE SPRINGS
DISTRIBUTION SYSTEM SCHEMATIC**

- COMPLIANCE MONITORING LOCATIONS:**
- COMPLIANCE MONITORING SITE 1 - 13833 FREEWAY DR.
 - COMPLIANCE MONITORING SITE 2 - 12636 EMMENS WAY
 - COMPLIANCE MONITORING SITE 3 - N/W CORNER OF EXCELSIOR & SHOEMAKER
 - COMPLIANCE MONITORING SITE 4 - 11528 CECILIA ST.

Stage 2 DBPR Monitoring Plan

% ofelia



City of Santa Fe Springs

11710 Telegraph Road • CA • 90670-3679 • (562) 868-0511 • Fax (562) 868-7112 • www.santafesprings.org

November 30, 2011

Received

DEC 5 2011

CDPH-DWFOB-LOS Angeles

California Department of Public Health
Drinking Water Field Operations Branch
500 North Central Avenue, Suite 500
Glendale, CA 91203

Attention: Shu-Fang Orr, P.E., District Engineer

Subject: Stage 2 Disinfectants/Disinfection By-Product Rule (DBPR) Monitoring Plan

Dear Ms. Orr:

The following is being sent for your records:

<u>No. of Copies</u>	<u>Description</u>
1	Stage 2 Disinfectants/Disinfection By-Product Rule (DBPR) Monitoring Plan

If you have any questions regarding this information, please contact me at (562) 868-0511 extension 3618.

Very truly yours,

Matt Tryon
Water Production Supervisor, City of Santa Fe Springs
(562) 868-0511 ext 3618; fax (562) 946-9165

cc: Ofelia A. Oracion, Sanitary Engineer, CDPH

Stage 2 DBP Monitoring Plan

(Please complete all sections below)

General Information

A. PWS Information

B. Date Submitted:

PWS ID: 1910245
PWS Name: City of Santa Fe Springs
PWS Address: 11710 E. Telegraph Rd
City: Santa Fe Springs State: CA Zip: 90670
Population Served: 15,764

C. PWS Operations

Residual Disinfectant Type Chlorine Chloramines Other _____
Number of Disinfected Sources _____ Surface _____ GWUDI _____ 2 Ground 2 Purchased

D. Contact Person

Name: Matthew Tryon
Title: Water Production Supervisor
Phone#: 562-868-0511 x3618 Fax#: 562-946-9165
E-mail: matttryon@santafesprings.org

E. Stage 2 Requirements

1. Number of Compliance Monitoring Sites

Highest TTHM: 2
Highest HAA5: 1
Existing Stage 1: 1
Total 4

2. Schedule

Schedule 1
 Schedule 2
 Schedule 3
 Schedule 4

Signature

Matthew Tryon

Date

11-8-11

Received

DEC 5 2011

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.

The Department's Email of July 2, 2013

Oracion, Ofelia (CDPH-DDWEM)

From: Oracion, Ofelia (CDPH-DDWEM)
Sent: Tuesday, July 02, 2013 3:32 PM
To: Frank D. Beach (frankbeach@santafesprings.org); Matt S. Tryon (matttryon@santafesprings.org)
Subject: Stage 2 DBPR Monitoring Violation

Pursuant to Chapter 15.5, *Disinfectant Residuals, Disinfection By Products, and Disinfection By Product Precursors*, Section 64534 (g), Title 22 of the CCR, systems that fail to monitor in accordance with the monitoring plan required by section 64534.8 are in violation of the monitoring requirements, and shall notify the public pursuant to section 64463, 64463.7, and 64465, in addition to reporting to the Department pursuant to sections 64537 through 64537.6.

The City of Santa Fe Springs failed to monitor for Stage 2 DBPR in accordance with the approved monitoring plans (sampling dates). Instead of collecting the samples 1st weeks in April 2012, July 2012, October 2012 and January 2013, the City collected the samples on May 2, 2012, August 8, 2012, November 20, 2012 and March 20, 2013. The City did not follow the approved monitoring plan.

Ofelia A. Oracion, Sanitary Engineer
Drinking Water Program
California Department of Public Health
500 North Central Avenue, Suite 500
Glendale, CA 91203
Tel (818) 551-2020
Fax (818) 551-2054
email: Ofelia.Oracion@cdph.ca.gov

The City's Email of July 3, 2013

Oracion, Ofelia (CDPH-DDWEM)

From: Matt S. Tryon <mattryon@santafesprings.org>
Sent: Wednesday, July 03, 2013 11:04 AM
To: Oracion, Ofelia (CDPH-DDWEM); Frank D. Beach
Subject: RE: Stage 2 DBPR Monitoring Violation

Hi Ofelia,

I will gather my records for stage 2 DBPR to refresh myself on this and get back to you.

Thank you,

Matt Tryon
Water Utility Supervisor
City of Santa Fe Springs

From: Oracion, Ofelia (CDPH-DDWEM) [<mailto:Ofelia.Oracion@cdph.ca.gov>]
Sent: Tuesday, July 02, 2013 3:32 PM
To: Frank D. Beach; Matt S. Tryon
Subject: Stage 2 DBPR Monitoring Violation

Pursuant to Chapter 15.5, *Disinfectant Residuals, Disinfection By Products, and Disinfection By Product Precursors*, Section 64534 (g), Title 22 of the CCR, systems that fail to monitor in accordance with the monitoring plan required by section 64534.8 are in violation of the monitoring requirements, and shall notify the public pursuant to section 64463, 64463.7, and 64465, in addition to reporting to the Department pursuant to sections 64537 through 64537.6.

The City of Santa Fe Springs failed to monitor for Stage 2 DBPR in accordance with the approved monitoring plans (sampling dates). Instead of collecting the samples 1st weeks in April 2012, July 2012, October 2012 and January 2013, the City collected the samples on May 2, 2012, August 8, 2012, November 20, 2012 and March 20, 2013. The City did not follow the approved monitoring plan.

Ofelia A. Oracion, Sanitary Engineer
Drinking Water Program
California Department of Public Health
500 North Central Avenue, Suite 500
Glendale, CA 91203
Tel (818) 551-2020
Fax (818) 551-2054
email: Ofelia.Oracion@cdph.ca.gov

The City of Santa Fe Springs encourages you to be environmentally friendly. Save paper and print this email only if necessary.

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City of Santa Fe Springs, 11710 E. Telegraph Road, Santa Fe Springs, CA, USA, www.santafesprings.org

**The City's Email of July 17, 2013 with
2nd Quarter 2013 Stage 2 DBPR Summary Report**

Oracion, Ofelia (CDPH-DDWEM)

From: Ghukasyan, Naira (CDPH-PS-DDWEM)
Sent: Thursday, July 18, 2013 8:07 AM
To: Oracion, Ofelia (CDPH-DDWEM)
Subject: FW: June monthly reports SFS
Attachments: DBPR Stage 2 results 2nd Qtr 2013 Final.pdf

From: Matt S. Tryon [<mailto:matttryon@santafesprings.org>]
Sent: Wednesday, July 17, 2013 2:41 PM
To: Ghukasyan, Naira (CDPH-PS-DDWEM)
Subject: RE: June monthly reports SFS

Hi Naira,

Here are the 2nd quarter stage 2 reports.

Due to confusion on our part, we did not collect samples until 7/3/13 to represent the 2nd quarter. We will sample again at the end of July to represent the 3rd quarter.

Thanks,

Matt Tryon
Water Utility Supervisor
City of Santa Fe Springs

From: Ghukasyan, Naira (CDPH-PS-DDWEM) [<mailto:Naira.Ghukasyan@cdph.ca.gov>]
Sent: Tuesday, July 16, 2013 2:52 PM
To: Matt S. Tryon
Subject: RE: June monthly reports SFS
Importance: High

Hi Matt,
You haven't sent to us the 2nd quarter stage 2 DBPR & Chlorine residual reports.
Thanks,
Naira

From: Matt S. Tryon [<mailto:matttryon@santafesprings.org>]
Sent: Tuesday, July 09, 2013 1:30 PM
To: Ghukasyan, Naira (CDPH-PS-DDWEM)
Cc: Frank D. Beach
Subject: June monthly reports SFS

Good afternoon Naira,

Here are the Bacti/SWT/Fluoride reports for June.

Thanks,

Matt Tryon
Water Utility Supervisor
City of Santa Fe Springs

The City of Santa Fe Springs encourages you to be environmentally friendly. Save paper and print this email only if necessary.

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City of Santa Fe Springs, 11710 E. Telegraph Road, Santa Fe Springs, CA, USA, www.santafesprings.org



11710 Telegraph Road CA 90670-3679 (562) 868-0511 Fax (562) 868-7112 www.santafesprings.org

"A great place to live, work, and play"

July 17, 2013

California Department of Public Health
Drinking Water Field Operations Branch
500 North Central Avenue, Suite 500
Glendale, CA 91203

Attention: Naira Ghukasyan, Environmental Scientist

Subject: Quarterly Report for Stage 2 TTHM-HAA5-CL2 Residual

Dear Ms. Ghukasyan:

The following reports are attached for your records.

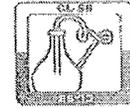
<u>No. of Copies</u>	<u>Description</u>
1 Original	Stage 2 HAA5 Results – 2 nd QTR
1 Original	Stage 2 TTHM Results – 2nd QTR
1 Original	Disinfectant Residual – 2nd QTR

If you have any questions regarding this information, please contact me at (562) 868-0511, extension 3611.

Regards,

Frank D. Beach
Utility Services Manager, City of Santa Fe Springs
(562) 868-0511 ext 3611; fax (562) 946-9165

Clinical Laboratory of San Bernardino, Inc.



Santa Fe Springs, City of 12636 Emmens Way Santa Fe Springs CA, 90670	Project: Routine Sub Project: Stage 2 - 1st Quarter 2013 THM/HAA Analysis Project Manager: Matt Tryon	Work Order: 13G0545 Received: 07/03/13 17:15 Reported: 07/12/13
---	---	---

N/W Excelsior/Shoemaker 13G0545-03 (Water) Sample Date: 07/03/13 12:57 Sampler: Not Listed

Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
<u>Trihalomethanes Analyses</u>									
Chloroform (Trichloromethane)	EPA 524.2	17.6	ug/L	1.0		07/09/13	07/10/13	1328086	
Bromodichloromethane	EPA 524.2	13.6	ug/L	1.0		07/09/13	07/10/13	1328086	
Dibromochloromethane	EPA 524.2	12.0	ug/L	1.0		07/09/13	07/10/13	1328086	
Bromoform	EPA 524.2	2.9	ug/L	1.0		07/09/13	07/10/13	1328086	
Total Trihalomethanes (TTHM)	EPA 524.2	46.1	ug/L	1.0	80	07/09/13	07/10/13	1328086	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	79 %				07/09/13	07/10/13	1328086	
Surrogate: Bromofluorobenzene	EPA 524.2	93 %				07/09/13	07/10/13	1328086	

<u>Haloacetic Acids Analyses</u>									
Dibromoacetic Acid	EPA 552.2	3.4	ug/L	1.0		07/09/13	07/09/13	1328034	
Dichloroacetic Acid	EPA 552.2	11.0	ug/L	1.0		07/09/13	07/09/13	1328034	
Monobromoacetic Acid	EPA 552.2	ND	ug/L	1.0		07/09/13	07/09/13	1328034	
Monochloroacetic Acid	EPA 552.2	ND	ug/L	2.0		07/09/13	07/09/13	1328034	
Trichloroacetic Acid	EPA 552.2	8.4	ug/L	1.0		07/09/13	07/09/13	1328034	
Total Haloacetic Acids (HAA5)	EPA 552.2	22.8	ug/L	1.0	60	07/09/13	07/09/13	1328034	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	97 %				07/09/13	07/09/13	1328034	

11528 Cecilia Street 13G0545-04 (Water) Sample Date: 07/03/13 12:31 Sampler: Not Listed

Analyte	Method	Result	Units	Rep. Limit	MCL	Prepared	Analyzed	Batch	Qualifier
<u>Trihalomethanes Analyses</u>									
Chloroform (Trichloromethane)	EPA 524.2	10.5	ug/L	1.0		07/09/13	07/10/13	1328086	
Bromodichloromethane	EPA 524.2	10.0	ug/L	1.0		07/09/13	07/10/13	1328086	
Dibromochloromethane	EPA 524.2	10.7	ug/L	1.0		07/09/13	07/10/13	1328086	
Bromoform	EPA 524.2	5.1	ug/L	1.0		07/09/13	07/10/13	1328086	
Total Trihalomethanes (TTHM)	EPA 524.2	36.3	ug/L	1.0	80	07/09/13	07/10/13	1328086	
Surrogate: 1,2-Dichlorobenzene-d4	EPA 524.2	86 %				07/09/13	07/10/13	1328086	
Surrogate: Bromofluorobenzene	EPA 524.2	100 %				07/09/13	07/10/13	1328086	

<u>Haloacetic Acids Analyses</u>									
Dibromoacetic Acid	EPA 552.2	3.5	ug/L	1.0		07/09/13	07/09/13	1328034	
Dichloroacetic Acid	EPA 552.2	6.1	ug/L	1.0		07/09/13	07/09/13	1328034	
Monobromoacetic Acid	EPA 552.2	ND	ug/L	1.0		07/09/13	07/09/13	1328034	
Monochloroacetic Acid	EPA 552.2	ND	ug/L	2.0		07/09/13	07/09/13	1328034	
Trichloroacetic Acid	EPA 552.2	4.3	ug/L	1.0		07/09/13	07/09/13	1328034	
Total Haloacetic Acids (HAA5)	EPA 552.2	13.9	ug/L	1.0	60	07/09/13	07/09/13	1328034	
Surrogate: 2,3-Dibromopropionic Acid	EPA 552.2	93 %				07/09/13	07/09/13	1328034	

Stephen Kavousy
Project Manager

Quarterly Report for Disinfectant Residuals Compliance
For Systems Using Chlorine or Chloramines

System Name: City of Santa Fe Springs

System No.: 1910245

Calendar Year: 2013

Quarter: 2nd

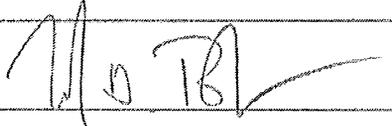
1st Quarter				
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)		
Previous Year	April	48	1.42	
	May	60	1.35	
	June	48	1.46	
	July	48	1.37	
	August	63	1.24	
	September	48	1.45	
	October	60	1.26	
	November	48	1.21	
	December	48	1.39	
	Current Year	January	60	1.46
		February	48	1.37
		March	48	1.33
Running Annual Average (RAA):		1.36		
Meets standard? (i.e. RAA < MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

2nd Quarter				
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)		
Previous Year	July	48	1.37	
	August	63	1.24	
	September	48	1.45	
	October	60	1.26	
	November	48	1.21	
	December	48	1.39	
	Current Year	January	60	1.46
		February	48	1.37
		March	48	1.33
		April	48	1.11
		May	60	1.13
		June	48	1.22
Running Annual Average (RAA):		1.30		
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		

3rd Quarter			
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)	
Previous Year	October	60	1.26
	November	48	1.21
	December	48	1.39
Current Year	January	60	1.46
	February	48	1.37
	March	48	1.33
	April	48	1.11
	May	60	1.13
	June	48	1.22
	July		0.00
	August		0.00
	September		0.00
Running Annual Average (RAA):			
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input type="checkbox"/> Yes <input type="checkbox"/> No	

4th Quarter			
Month	Number of Samples Taken	Monthly Ave. Chlorine Level (mg/L)	
Current Year	January	60	1.46
	February	48	1.37
	March	48	1.33
	April	48	1.11
	May	60	1.13
	June	48	1.22
	July		0.00
	August		0.00
	September		0.00
	October		0.00
	November		0.00
	December		0.00
Running Annual Average (RAA):			
Meets standard? (i.e. RAA ≤ MRDL of 4.0 mg/L as Cl ₂)		<input type="checkbox"/> Yes <input type="checkbox"/> No	

Comments: Samples taken = 12/week with 48 or 60 total samples taken per month

Signature: 

Date: 7/17/2013

Title: Utility Services Manager
Frank Beach

The Department's Email of July 19, 2013

Oracion, Ofelia (CDPH-DDWEM)

From: Oracion, Ofelia (CDPH-DDWEM)
Sent: Friday, July 19, 2013 9:00 AM
To: 'Matt S. Tryon'
Cc: fbeach@santafesprings.org
Subject: RE: Stage 2 DBPR Monitoring Violation

Hi Matt,

Samples collected on July 3, 2013 cannot be considered as make-up sample for the 2nd quarter 2013. July 3, 2013 belongs to the 3rd quarter. Therefore, you missed to collect the required samples for the 2nd quarter of 2013. The samples should have been collected the 1st week of April 2013, per approved monitoring plan.

This is another monitoring violation.

Ofelia A. Oracion, Sanitary Engineer
Drinking Water Program
California Department of Public Health
500 North Central Avenue, Suite 500
Glendale, CA 91203
Tel (818) 551-2020
Fax (818) 551-2054
email: Ofelia.Oracion@cdph.ca.gov

From: Matt S. Tryon [<mailto:matttryon@santafesprings.org>]
Sent: Thursday, July 18, 2013 1:39 PM
To: Oracion, Ofelia (CDPH-DDWEM)
Subject: RE: Stage 2 DBPR Monitoring Violation

Hello Ofelia,

I'm in the field today but wanted to let you know I haven't forgotten about you. We got really confused on the stage 2 sampling schedules so I'll touch base with you on that. It's going to take one more round of sampling this month I think to get back on track even though the dates are off from the monitoring plan. We'll talk soon. Thank you for your patience.

Salamat,

Matt Tryon
Water Utility Supervisor
City of Santa Fe Springs

From: Oracion, Ofelia (CDPH-DDWEM) [<mailto:Ofelia.Oracion@cdph.ca.gov>]
Sent: Tuesday, July 16, 2013 2:51 PM
To: Matt S. Tryon

Cc: Frank D. Beach
Subject: RE: Stage 2 DBPR Monitoring Violation

Any update?

Ofelia A. Oracion, Sanitary Engineer
Drinking Water Program
email: Ofelia.Oracion@cdph.ca.gov

From: Matt S. Tryon [<mailto:matttryon@santafesprings.org>]
Sent: Wednesday, July 03, 2013 11:04 AM
To: Oracion, Ofelia (CDPH-DDWEM); Frank D. Beach
Subject: RE: Stage 2 DBPR Monitoring Violation

Hi Ofelia,

I will gather my records for stage 2 DBPR to refresh myself on this and get back to you.

Thank you,

Matt Tryon
Water Utility Supervisor
City of Santa Fe Springs

From: Oracion, Ofelia (CDPH-DDWEM) [<mailto:Ofelia.Oracion@cdph.ca.gov>]
Sent: Tuesday, July 02, 2013 3:32 PM
To: Frank D. Beach; Matt S. Tryon
Subject: Stage 2 DBPR Monitoring Violation

Pursuant to Chapter 15.5, *Disinfectant Residuals, Disinfection By Products, and Disinfection By Product Precursors*, Section 64534 (g), Title 22 of the CCR, systems that fail to monitor in accordance with the monitoring plan required by section 64534.8 are in violation of the monitoring requirements, and shall notify the public pursuant to section 64463, 64463.7, and 64465, in addition to reporting to the Department pursuant to sections 64537 through 64537.6.

The City of Santa Fe Springs failed to monitor for Stage 2 DBPR in accordance with the approved monitoring plans (sampling dates). Instead of collecting the samples 1st weeks in April 2012, July 2012, October 2012 and January 2013, the City collected the samples on May 2, 2012, August 8, 2012, November 20, 2012 and March 20, 2013. The City did not follow the approved monitoring plan.

Ofelia A. Oracion, Sanitary Engineer
Drinking Water Program
California Department of Public Health
500 North Central Avenue, Suite 500
Glendale, CA 91203
Tel (818) 551-2020
Fax (818) 551-2054
email: Ofelia.Oracion@cdph.ca.gov

The City of Santa Fe Springs encourages you to be environmentally friendly. Save paper and print this email only if necessary.

*** City of Santa Fe Springs Email Disclaimer ***

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City of Santa Fe Springs, 11710 E. Telegraph Road, Santa Fe Springs, CA, USA, www.santafesprings.org

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 [64451(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 City of Santa Fe Springs

Our water system failed to monitor as required for drinking water standards recently 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 is being done to correct this situation.

(Brief description of the violation)

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 recently, 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 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 Taken</i>
TTHM & HAA5	Quarterly	0	1 st week of April 2012 1 st week of July 2012 1 st week of October 2012 1 st week of January 2013 1 st week of April, 2013	

- 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 the violation and corrective actions taken.)

For more information, please contact Mr./Ms. XXX at (XXX) XXX-XXX or (provide 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 the City of Santa Fe Springs.

State Water System ID#: 1910245. Date distributed: _____.

Public Notification Certification

PROOF OF NOTIFICATION

Name of Water System: **City of Santa Fe Springs**

System Number: 1910245

**Certification of Notification for
Monitoring Violation**

As required by *California Code of Regulations*, Title 22, Section 64463.4, *Tier 2 Public Notice*, I notified the users of the water supplied by the City of Beverly Hills of the violation of Sections 64534.2 (d) 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	<input type="text"/>
Specify other method used:	

Signature of Water System Representative

Date

ATTACH A COPY OF THE NOTICE USED.

THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT