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MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

**State Water Resources Control Board**  
Division of Drinking Water

September 25, 2015

Mr. Brian Folsom  
Engineering and Operations Manager  
Castaic Lake Water Agency  
27234 Bouquet Canyon Road  
Santa Clarita, CA 91350

**SYSTEM NO. 1910048, CASTAIC LAKE WATER AGENCY – TOTAL COLIFORM RULE (TCR) MONITORING VIOLATION**

Dear Mr. Folsom:

The purpose of this letter is to notify you that the Castaic Lake Water Agency (CLWA) has violated the *Primary Standard –Bacteriological Quality Regulations* due to the failure in collecting the required number of repeat bacteriological quality samples for the month of July 2015.

**Primary Standard - Bacteriological Quality Monitoring Compliance**

Section 64421, Title 22, CCR requires each water supplier to develop a routine sample siting plan as required in Section 64442, and collect routine, repeat, and replacement samples as required in Sections 64423, 64424, and 64425. The CLWA's Bacteriological Sample Siting Plan (BSSP) dated July 2012 specifies the collection of forty routine samples per week. Additionally, the BSSP specifies the collection of at least three repeat samples for each total coliform-positive sample. For sample sites without downstream locations, the BSSP specifies the collection of two repeat samples from the original coliform-positive location.

Section 64424 (a) states, "If a routine sample is total coliform-positive, the water supplier shall collect a repeat sample set as described in paragraph (a)(1) within 24 hours of being notified of the positive result. The repeat samples shall all be collected within the same 24 hour time period". Section 64424( a)(1) further states, "For a water supplier that normally collects more than one routine sample a month, a repeat sample set shall be at least three samples for each total coliform-positive sample".

Two routine samples collected by CLWA on July 22, 2015 from N-3 and SC-1 monitoring locations tested positive for total coliform and negative for fecal/E. coli. Therefore, CLWA should have collected six repeat bacteriological samples in July 2015. However, the Monthly Bacteriological Summary submitted by CLWA for the month of July 2015

FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

500 North Central Avenue, Suite 500, Glendale, CA 91203 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

(Enclosure 1) showed that CLWA only collected four repeat samples on July 23, 2015, two for each total coliform positive sample. One sample was taken from the original total coliform-positive sample location and one from the upstream monitoring location. All repeat samples were total coliform-negative. As a result, CLWA violated the monitoring requirements of the Primary Standard –Bacteriological Quality Regulations.

On September 1, 2015, Mr. Dmitriy Ginzburg, P.E., the Associate Sanitary Engineer with the Division, contacted Mr. Jeff Koelewyn, the Lab/Regulatory Affairs Supervisor with CLWA, via email, requesting for the missing bacteriological data. On September 2, 2015 Mr. Koelewyn responded via email and indicated that samples were missed due to the oversight (Enclosure 2). To prevent future errors, CLWA has revised Table 2 of the CSSP to make it clear which samples must be taken during a repeat sampling event for each routine sample location (Enclosure 3), including the Upstream, Downstream, and original locations.

### **Public Notification**

Under the *Public Notification Rule*, the above monitoring violations are categorized as Tier 3 violations. Section 64463.7 of Title 22, CCR, requires that the notification be conducted within one year after the public water system learns of the violations, and may be part of the Consumer Confidence Report. CLWA must deliver the notice to water users within the required time period by mail or direct delivery. Since CLWA is a wholesaler, CLWA must give public notice to the owner or operator of each of its retailer systems. The retailer is then responsible for providing public notice to the persons it serves. If the retailer arranges for CLWA to provide the notification, the retailer must notify the Division prior to the notice being given (Section 64463 (c) of Title 22, CCR). A template for conducting this notification is provided with this letter (Enclosure 4). The notification must be approved by the Division prior to dissemination. Enclosure 5 is to be used to advise the Division upon completion of the notification. For more information, please refer to the following link: [http://www.waterboards.ca.gov/drinking\\_water/certlic/drinkingwater/Notices.shtml](http://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Notices.shtml)

You are hereby reminded that any subsequent monitoring, reporting, or public notification violations may result in citations and civil penalties. If you have any questions, please contact Mr. Ginzburg, P.E. at (818) 551-2022 or me at (818) 551-2045.

Sincerely,



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

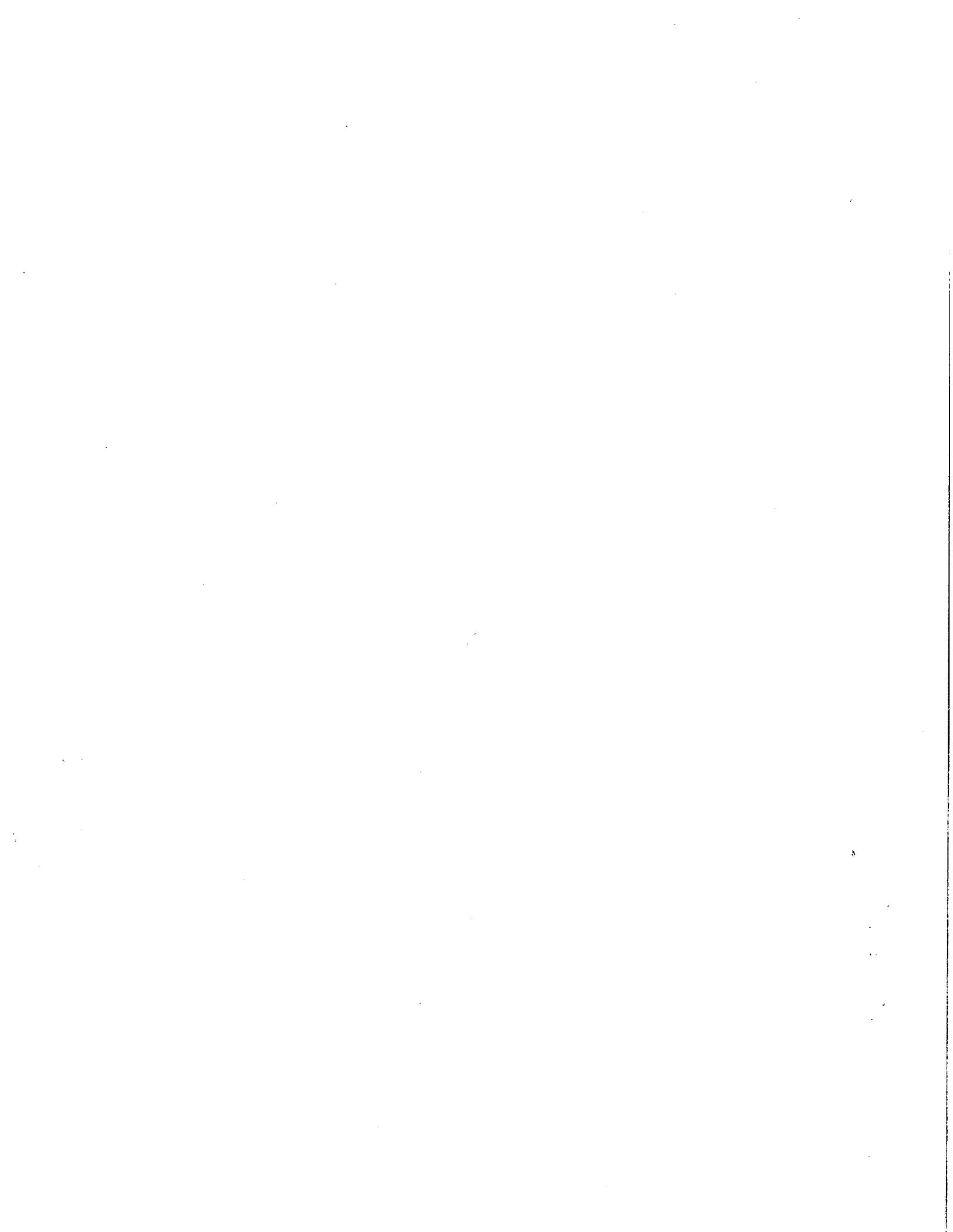
Enclosures:

1. July 2015 Monthly Bacteriological Summary
2. Email Correspondences re. the Missing Sample
3. Revised CSSP dated September 2015
4. Tier 3 Public Notification Template
5. Proof of Public Notification

cc: Mr. Dan Masnada, General Manager  
Castaic Lake Water Agency  
27234 Bouquet Canyon Road  
Santa Clarita, CA 91350-2173

Mr. Gary Haggin, Operations and Maintenance Superintendent  
Castaic Lake Water Agency  
27234 Bouquet Canyon Road  
Santa Clarita, CA 91350-2173

Mr. Jeffrey Koelewyn, Laboratory/Regulatory Affairs Supervisor  
Castaic Lake Water Agency  
27234 Bouquet Canyon Road  
Santa Clarita, CA 91350-2173



**ENCLOSURES**





**Castic Lake Water Agency  
Rio Vista Treatment Plant  
Daily Laboratory Results**

July 2015

System No. 1910048

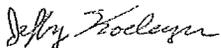
Date	MGD	PI MPN /100mL	PI FC /100mL	PE MMO / MUG	PI Color	PE Color	PI Turbidity	PE Turbidity	PE Odor	PI pH	PE pH	PE Res. Cl <sub>2</sub>
1	21.2			A			1.83	0.11		7.82	8.04	2.78
2	19.2			A			1.88	0.11		7.82	8.06	3.02
3	13.6			A			1.92	0.09		7.89	8.04	3.01
4	23.3			A			2.09	0.11		7.80	7.96	2.35
5	16.9			A			2.06	0.10		7.86	8.13	2.78
6	28.5	23	<2	A	5	<5	2.01	0.12	1	7.81	8.28	3.49
7	38.1			A			2.26	0.11		7.80	8.24	3.68
8	28.8			A			2.09	0.10		7.84	8.24	3.57
9	31.4			A			2.23	0.09		7.83	8.31	3.28
10	29.7			A			2.61	0.11		7.84	8.30	3.31
11	24.0			A			2.54	0.10		7.83	8.24	3.38
12	15.8			A			2.44	0.10		7.84	8.19	3.14
13	27.6	8	2	A	5	<5	2.49	0.10	1	7.83	8.18	3.18
14	32.9			A			2.60	0.11		7.84	8.17	3.79
15	21.6			A			2.51	0.11		7.83	8.21	3.28
16	27.7			A			2.22	0.10		7.84	8.17	3.20
17	29.5			A			2.24	0.09		7.85	8.16	3.21
18	26.2			A			2.12	0.09		7.83	8.15	3.23
19	15.3			A			1.92	0.09		7.83	8.09	3.05
20	16.5	17	<2	A	5	<5	1.94	0.09	1	7.85	8.06	2.77
21	16.4			A			1.87	0.08		7.84	8.09	3.20
22	16.3			A			1.95	0.11		7.84	8.12	3.25
23	16.9			A			2.65	0.10		7.84	8.11	2.97
24	26.7			A			3.39	0.10		7.86	8.08	2.98
25	23.1			A			3.57	0.10		7.85	8.06	2.82
26	19.2			A			4.08	0.11		7.85	8.06	2.64
27	24.9	30	2	A	5	<5	4.17	0.11	1	7.86	8.07	2.53
28	32.0			A			3.74	0.10		7.85	8.36	3.43
29	24.4			A			4.45	0.11		7.81	8.36	3.11
30	27.8			A			3.94	0.10		7.89	8.22	3.18
31	31.7			A			5.34	0.11		7.87	8.18	3.18

PI = Plant Influent  
PE = Plant Effluent  
FC = Fecal Coliform  
MMO/MUG = Colilert  
MPN = Most Probable Number  
(Multiple Tube Fermentation)

NA = Not Analyzed  
SD = Shut-Down

CLWA Laboratory Supervisor:  
Jeffrey Koelewyn

Date: August 5, 2015



## **Ginzburg, Dmitriy@Waterboards**

**From:** Jeff Koelewyn <jkoelewyn@clwa.org>  
**Sent:** Wednesday, September 02, 2015 10:44 AM  
**To:** Ginzburg, Dmitriy@Waterboards  
**Cc:** Brian Folsom  
**Subject:** RE: 201507 CLWA Monthly Report  
**Attachments:** 201507-CLWA-Monthly-Report revised.pdf; CSSP-CLWA-0915.doc

Dmitriy,  
Attached is the revised July monthly report, which incorporates the repeat coliform sample information and results on pages 7 and 10.

### Sequence of events:

The routine turnout coliform samples of July 22, 2015, were read on July 23, 2015 @ 14:15, with sample locations N-3 and SC-1 having positive Total Coliforms (negative E. Coliform). After referencing Table 2 of the Coliform Site Sampling Plan (CSSP), the lab field technician was immediately dispatched to re-sample locations N-3 and SC-1, as well as Upstream samples SC-3 and F, and also Saugus 1 and Saugus 2 wells (for Groundwater Rule compliance). All repeat samples were negative for Total and E. Coliform.

Downstream samples for N-3 and SC-1 were not taken, as Table 2 of the CSSP did not indicate any Downstream locations for N-3 and SC-1 (the turnouts are at the end of the pipelines). It was not noticed that the original sites were to be sampled in duplicate to provide a Downstream location.

### Corrective Action:

Table 2 of the CSSP has been revised to make it clear which samples are to be taken during a repeat sampling event (see attached revised CSSP), including the Upstream, Downstream, and original locations (as well as the Saugus wells for GWR).

**Jeffrey Koelewyn**  
**Laboratory/Regulatory Affairs Supervisor**  
Castaic Lake Water Agency  
27234 Bouquet Canyon Road  
Santa Clarita, CA 91350  
General: (661) 297-1600 Extension 223  
Fax: (661) 297-1611  
Email: [jkoelewyn@clwa.org](mailto:jkoelewyn@clwa.org)



**From:** Ginzburg, Dmitry@Waterboards [<mailto:Dmitriy.Ginzburg@waterboards.ca.gov>]

**Sent:** Tuesday, September 01, 2015 9:41 AM

**To:** Jeff Koelewyn

**Subject:** RE: 201507 CLWA Monthly Report

Hi Jeff,

Your August monthly report (attached) on page 10 indicates that only 2 repeat samples have been collected. The summary on the next page shows four samples were collected. Please clarify. Please also indicate if all of the four independently satisfy three repeat samples requirement for each positive coliform sample.

Thanks,

Dmitriy

**From:** Jeff Koelewyn [<mailto:jkoelewyn@clwa.org>]

**Sent:** Wednesday, August 05, 2015 3:55 PM

**To:** Ginzburg, Dmitry@Waterboards; Orr, Shu-Fang@Waterboards; Ghukasyan, Naira@Waterboards

**Cc:** Brian Folsom; Gary Haggin; Kathy Fendel; Nancy Oliphant; Rafael Pulido

**Subject:** 201507 CLWA Monthly Report

**Jeffrey Koelewyn**  
**Laboratory/Regulatory Affairs Supervisor**  
Castaic Lake Water Agency  
27234 Bouquet Canyon Road  
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Email: [jkoelewyn@clwa.org](mailto:jkoelewyn@clwa.org)



## Coliform Site Sampling Plan Castaic Lake Water Agency

### 1) SYSTEM DESCRIPTION

The Castaic Lake Water Agency (CLWA) has a single source of water, Castaic Lake, a terminus of the California State Water Project. CLWA has two surface water treatment plants, the Earl Schmidt Filtration Plant (ESFP) at 32700 N. Lake Hughes Road in Castaic California and the Rio Vista Treatment Plant (RVTP) at 27234 Bouquet Canyon Road in Santa Clarita California. The ESFP takes water directly from Castaic Lake via the CLWA Raw Water Pipeline. The RVTP draws water indirectly from Castaic Lake via the Metropolitan Water District of Southern California's (MWDSC) Foothill Feeder. Both ESFP and the RVTP are pre-ozonation/filtration/chloramination facilities, each with two clearwells. The RVTP has a permitted capacity of 66 MGD and the ESFP has a permitted capacity of 54 MGD. Both of these plants are sampled once per day at the Treated Water Sample (TWS-R and TWS-E) point which is just before the distribution system entry point. In addition to the surface water sources, CLWA has a groundwater treatment plant to treat the water from the Saugus 1 and Saugus 2 wells to remove perchlorate, which is found in the well water. The effluent from this groundwater treatment plant may be blended with the either influent or the effluent from the RVTP, except when the RVTP is not in operation, when it is blended with some of the effluent from the ESFP.

Additionally, there are two connections to 8 wells owned by two of the water purveyors (see Figure 1 and Table 3). CLWA does not take water from these wells for treatment but only for transfer of water between purveyors ("wheeling") during extreme drought or emergency conditions. However, it is possible to blend the water from these wells with Castaic Lake water.

The three treatment plants are connected by the Castaic Conduit. There are seven pipelines beyond the Castaic Conduit, the Castaic Lateral, the Pitches Pipeline, the Newhall Lateral, Newhall Parallel, Honby Lateral, Bouquet Lateral, and the Sand Canyon Pipeline, each of which ends at least one service connection. There are 26 service connections ("turn-outs") to the four water purveyors, Los Angeles County Water Works #36 (LACWW), Newhall County Water District (NCWD), Santa Clarita Water Company (SCWC), and the Valencia Water Company (VWC) which serve a combined population of 221,000 people. The CLWA also has a stand-by service connection with the Peter Pitches Honor Rancho (PPHR) which is run by the Los Angeles County Sheriff's Department. All of these pipelines and connections constitute a two pressure zones with one pumping station and no reducing stations. Table 3 lists the locations and addresses of these service and well connections and Figure 1 indicates the relationships of these facilities to the CLWA distribution system.

### 2) SAMPLING SCHEDULE

#### A) CLWA Distribution System:

All turn-outs will be sampled at least once per week; most will be sampled twice per week. On each day of the week (Monday – Friday) eight samples will be collected and analyzed for Total Coliform, chlorine residual and temperature. For samples collected on Monday through Wednesday, color, odor, pH, and turbidity will also be tested. This will result in a total of 40 TC and chlorine residual samples each week for the distribution system. Heterotrophic Plate Count bacteria (HPC), nitrite, nitrate, ammonia, pH, color, odor, and turbidity are analyzed on all samples when the chlorine residual is less than 2.0 mg/L. Finally, the plant effluents are both sampled in the same fashion each day of operation. All bacteriological tests are performed at the RVWTP laboratory.

B) Samplers:

- 1) The principal sampler is Gabriella Calderon, Water Quality Technician
- 2) The stand-by/backup samplers are:
  - a) Howard An, Water Quality Scientist
  - b) Yao Kouame, Water Quality Scientist
  - c) Pari Moheban, Water Quality Scientist

B) Laboratory Contact:

The Laboratory Contact is the primary person contacted when a TC positive or E. coli are detected or a sample is invalidated. The principal contact is Jeff Koelewyn, Laboratory Supervisor. Office: (661) 513-1223, Home: (661) 268-0805, Cellphone: (559) 607-6919

C) Sample Locations:

The primary sample locations are listed below on Table 1 (See Figure 1 for details). Sample locations with lower demands and longer detention times are sampled twice per week, while locations with higher demands and shorter detention times are sampled once per week. Table 1 gives the locations and addresses of the sample points and Figure 1 indicates the relationship of these points to the CLWA distribution system. All sample stations have male hose bibs. The sample stations are flushed prior to sampling.

D) Laboratory Procedures:

All samples are analyzed at the Castaic Lake Water Agency Water Quality Laboratory, which is accredited for drinking water microbiology (ELAP #2104). The laboratory uses the Colilert chromogenic substrate procedure, Standard Method 9223. Escherichia coli will be used as the fecal indicator for GWR compliance.

### 3) RE-SAMPLING SCHEDULE

When a total coliform is detected at a routine sample point (distribution system), it must be re-sampled within 24 hours, according to the schedule shown below:

Where possible, the re-sample points are up-stream of the detected point, at the detected point, and down-stream, and Saugus-1 and Saugus-2. Saugus-1 and Saugus-2 will only be sampled if the Saugus Perchlorate Treatment Facility is on-line. Where there is no up-stream or downstream point, the detected point is re-sampled twice.

The Division of Drinking Water will be notified by the end of the day, or within 24 hours if the offices are closed, if any of the following conditions occurs:

- a) A routine or repeat sample is positive for Fecal Coliform or Escherichia coli.
- b) A repeat sample is positive for Total Coliform following a routine sample is positive for Fecal Coliform or Escherichia coli.
- c) A routine sample and two re-samples are positive for Total Coliform.
- d) More than 5% of distribution samples are positive for Total Coliform.
- e) Re-samples cannot be collected within 24 hours.

Upon receiving notification from the Department, the public notification plan shall be implemented according to Title 22, Chapter 15, Article 4, Section 64426.1.

#### 4) GROUND WATER RULE COMPLIANCE

When a Total Coliform is detected at a routine sample point by CLWA, an E.Coli sampling event is triggered, requiring analysis of Saugus-1 and Saugus-2 wells within 24 hours, using Standard Methods for analysis of E. Coli.

When a Total Coliform is detected at a routine sample point by one of CLWA's consecutive purveyors, an E.Coli sampling event is triggered, requiring analysis of Saugus-1 and Saugus-2 wells within 24 hours of notification from the purveyor, using Standard Methods for analysis of E. Coli. When a Total Coliform is detected at a CLWA purveyor, the triggered sampling of Saugus-1 and Saugus-2 can be done by either one, or in a partnership.

If a Saugus-1 or Saugus-2 triggered source sample is E.Coli positive, CLWA will notify all consecutive purveyors within 24 hours (Newhall County Water District, Santa Clarita Water Division, Valencia Water Company, and Los Angeles County Water Works #36). The Department of Health Services will be notified by the end of the day, or within 24 hours, if any triggered source sample tests positive for E.Coli. Both CLWA and consecutive purveyors will be required to conduct Tier 1 Public Notification within 24 hours of being notified of the E.Coli positive result.

TABLE 1  
 LOCATIONS AND ADDRESSES FOR CLWA BACTERIOLOGICAL SITE SAMPLING PLAN

Name	Location	Sam. Days	Pipeline	Station
N-1	31400 Castaic Road, Castaic	Tu & Fri	CASTAIC LATERAL	17+44
N-2/SC-6	Lost Canyon Road & Soledad Canyon Rd., Canyon Country	M & Th	HONBY LATERAL	218+38
N-3	San Fernando Road, Newhall	W	NEWHALL LATERAL	120+56.67
N-4/V-2	South of Newhall Ranch Road/Aurora Drive Valencia	Tu & Fri	CASTAIC CONDUIT	257 + 57
LA-1	Near the North Gate PPHR, Castaic	Tu & Fri	CASTAIC CONDUIT	85 + 31
LA-3	Intersection of Garden Ave. & Biscailuz Rd. PPHR, Castaic	Tu & Fri	CASTAIC CONDUIT	143 + 04
V-1	29646 The Old Road/Sedona Way, Valencia	Tu & Fri	PITCHES PIPELINE	3 + 20
V-2/N-4	South of Newhall Ranch Road/Aurora Drive Valencia	Tu & Fri	CASTAIC CONDUIT	257 + 57
V-4	Near the intersection of Bouquet Canyon Rd. & Espuella St., Saugus	Tu,W, & Fri	BOUQUET LATERAL	42-44
V-5	West Side of South Fork Bicycle Trail, 50 m north of Magic Mountain Pkwy, Valencia	W	NEWHALL LATERAL	84-86
V-7	Newhall Ranch Road, near McBean Pkwy Valencia	W	NEWHALL PARALLEL	26+05
V-8	McBean Pkwy at Valencia Blvd., Valencia	W	NEWHALL PARALLEL	43+17

F	Newhall Ranch Road, near Hillsborough, Valencia	Tu & Fri	CASTAIC CONDUIT	376+18.53
SC-1	Bouquet Canyon Rd. Near Wendy's, Saugus	Tu & Fri	BOUQUET LATERAL	80-84
SC-2	East end of Santa Clara St., Canyon Country	M & Th	HONBY LATERAL	170+00.00
SC-3	West Side of South Fork Bicycle Trail, 1 km north of Magic Mountain, Valencia	W	NEWHALL LATERAL	120+56.67
SC-5	Rio Vista Treatment Plant – South West Santa Clarita	W	Edge of RVTP	
SC-7	Canyon View Drive & Calla Way, Santa Clarita	M & Th	SAND CANYON PIPELINE	
SC-8	Canyon Road/Camp Plenty Drive, Santa Clarita	M & Th	SAND CANYON PIPELINE	
SC-9	Bike Trail Santa Clara River near Crossglade, Santa Clarita	M & Th	SAND CANYON PIPELINE	
SC-10:	Bike Trail, Santa Clara River/Sierra Highway, Santa Clarita	M & Th	SAND CANYON PIPELINE	
SC-11:	Medley Ridge Drive/English Ivy Lane, Santa Clarita	M & Th	SAND CANYON PIPELINE	
SC-12:	Rolling Hills Avenue, Santa Clarita	M & Th	SAND CANYON PIPELINE	
SC-13:	Rolling Hills Avenue, Santa Clarita	M & Th	SAND CANYON PIPELINE	

Non-TCR Samples Collected as Part of Permit Compliance Monitoring & Re-Sampling

TWS-R	Treated Water Sample	EDOO	RVTP Plant Effluent
TWS-E	Treated Water Sample	EDOO	ESFP Plant Effluent

EDOO = Each Day of Operation

Monday & Thursday: N-2/SC-6, SC-2, SC-7, SC-8, SC-9, SC-10, SC-11, SC-12

Tuesday: N-1, LA-1, LA-3, V-1, V-2/N-4, V-4, F, SC-1, Saugus-1, Saugus-2, TWS-P

Wednesday: N-3, V-5, V-6, V-7, V-8, SC-3, SC-5, SC-13

Friday: N-1, LA-1, LA-3, V-1, V-2/N-4, V-4, F, SC-1

**Table 2**  
**Re-Sampling Schedule**

N-1	TWS-E	1 Upstream
	N-1	1 Resample
	LA-1	1 Downstream
	Saugus-1	1
	Saugus-2	1
N-2	SC-6*	1 Downstream
	N-2	1 Resample
	SC-10	1 Upstream
	Saugus-1	1
	Saugus-2	1
N-3	SC-3	1 Upstream
	N-3	1 Resample
	N-3 (duplicate)	1 Downstream
	Saugus-1	1
	Saugus-2	1
LA-1	TWS-E	1 Upstream
	LA-1	1 Resample
	LA-3	1 Downstream
	Saugus-1	1
	Saugus-2	1
LA-3	LA-1	1 Upstream
	LA-3	1 Resample
	V-2	1 Downstream
	Saugus-1	1
	Saugus-2	1
V-1	LA-3	1 Upstream
	V-1	1 Resample
	V-1 (duplicate)	1 Downstream
	Saugus-1	1
	Saugus-2	1
V-2	LA-3	1 Upstream
	V-2	1 Resample
	F	1 Downstream
	Saugus-1	1
	Saugus-2	1
V-4	F	1 Upstream
	V-4	1 Resample
	SC-1	1 Downstream
	Saugus-1	1
	Saugus-2	1

V-5	F V-5 SC-3 Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
V-7	F V-7 V-8 Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
V-8	V-7 V-8 V-8 (duplicate) Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
F	V-2 F SC-1 Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
SC-1	F SC-1 SC-1 (duplicate) Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
SC-2	TWS-R SC-2 SC-4 Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
SC-3	V-5 SC-3 SC-3 (duplicate) Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
SC-5	TWS-R SC-5 SC-5 (duplicate) Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
SC-7	SC-2 SC-7 SC-8 Saugus-1 Saugus-2	1 Downstream 1 Resample 1 Upstream 1 1
SC-8	SC-7 SC-8 SC-9 Saugus-1 Saugus-2	1 Downstream 1 Resample 1 Upstream 1 1

SC-9	SC-8 SC-9 SC-10 Saugus-1 Saugus-2	1 Downstream 1 Resample 1 Upstream 1 1
SC-10	SC-9 SC-10 SC-11 Saugus-1 Saugus-2	1 Downstream 1 Resample 1 Upstream 1 1
SC-11	SC-10 SC-11 SC-12 Saugus-1 Saugus-2	1 Downstream 1 Resample 1 Upstream 1 1
SC-12	SC-11 SC-12 SC-12 (duplicate) Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
SC-13	V-7 SC-13 SC-13 (duplicate) Saugus-1 Saugus-2	1 Upstream 1 Resample 1 Downstream 1 1
Saugus-1	Saugus-1	1 Resample
Saugus-2	Saugus-2	1 Resample
TWS-P	TWS-P	1 Resample

\*SC-6 is only used for re-sampling purposes.

Table 3

**LOCATIONS AND ADDRESSES FOR CLWA SERVICE, TANKS, & WELL CONNECTIONS**

**A) SERVICE CONNECTIONS**

- 1) Los Angeles County Waterworks District No. 36
  - LA-1: Just inside and west of North Gate of Peter Pitchess Honor Rancho (PPHR), Castaic
  - LA-3: 50 m north of intersection of Garden Rd. and Biscailuz Rd., PPHR, Castaic
  
- 2) Newhall County Water District
  - N-1: 31400 Castaic Road, (Behind Econo Lodge), Castaic
  - N-2: 27932 Lost Canyon Road, (Behind Dentist Office), Canyon Country
  - N-3: San Fernando Road, Behind KISS Self- Storage, 1 km South of Magic Mountain Pkwy.
  - N-4: South of Newhall Ranch Road/Aurora Drive, Saugus (In series with V-2)
  
- 3) Santa Clarita Water Company
  - SC-1: 26532 Bouquet Canyon Rd. (In front of Wendy's), Saugus
  - SC-2: Santa Clara St. (15 m west of intersection with Honby Ave.) Canyon Country
  - SC-3: West Side of South Fork Bicycle Trail, 1 km south of Magic Mountain Pkwy, Valencia
  - SC-4: Santa Clara St. (30 m west of intersection with Honby Ave.) Canyon Country
  - SC-5: Rio Vista Treatment Plant
  - SC-6: 27932 Lost Canyon Road, (Behind Dentist Office), Canyon Country
  - SC-7: Bike Trail (North Bank, Santa Clara River), Canyon View Drive near Delight Street
  - SC-8: Bike Trail (North Bank, Santa Clara River), Soledad Canyon Road/Camp Plenty Drive
  - SC-9: Bike Trail (North Bank, Santa Clara River), near Luther
  - SC-10: Bike Trail (North Bank, Santa Clara River)/Sierra Highway
  - SC-11: Medley Ridge Drive/English Ivy Lane
  - SC-12: Rolling Hills Avenue
  - SC-13: Railroad Avenue & Magic Mountain Pkwy
  
- 4) Valencia Water Company
  - V-1: The 29646 Old Road/Sedona Way, Hasley Canyon
  - V-2: 25197 Aurora Dr. South of Newhall Ranch Road/Aurora Drive, Valencia
  - V-4: 26629 Bouquet Canyon Rd near intersection with Espuella Dr., Saugus
  - V-5: 23416 Magic Mountain Pkwy 50 m south on west side of bike trail, Valencia
  - V-6: West Side of South Fork Bicycle Trail, 1 km south of Magic Mountain Pkwy, Valencia
  - V-7: 23900 Bridgeport, near McBean Parkway, Valencia
  - V-8: 24341 Valencia Blvd., near McBean Parkway, Valencia

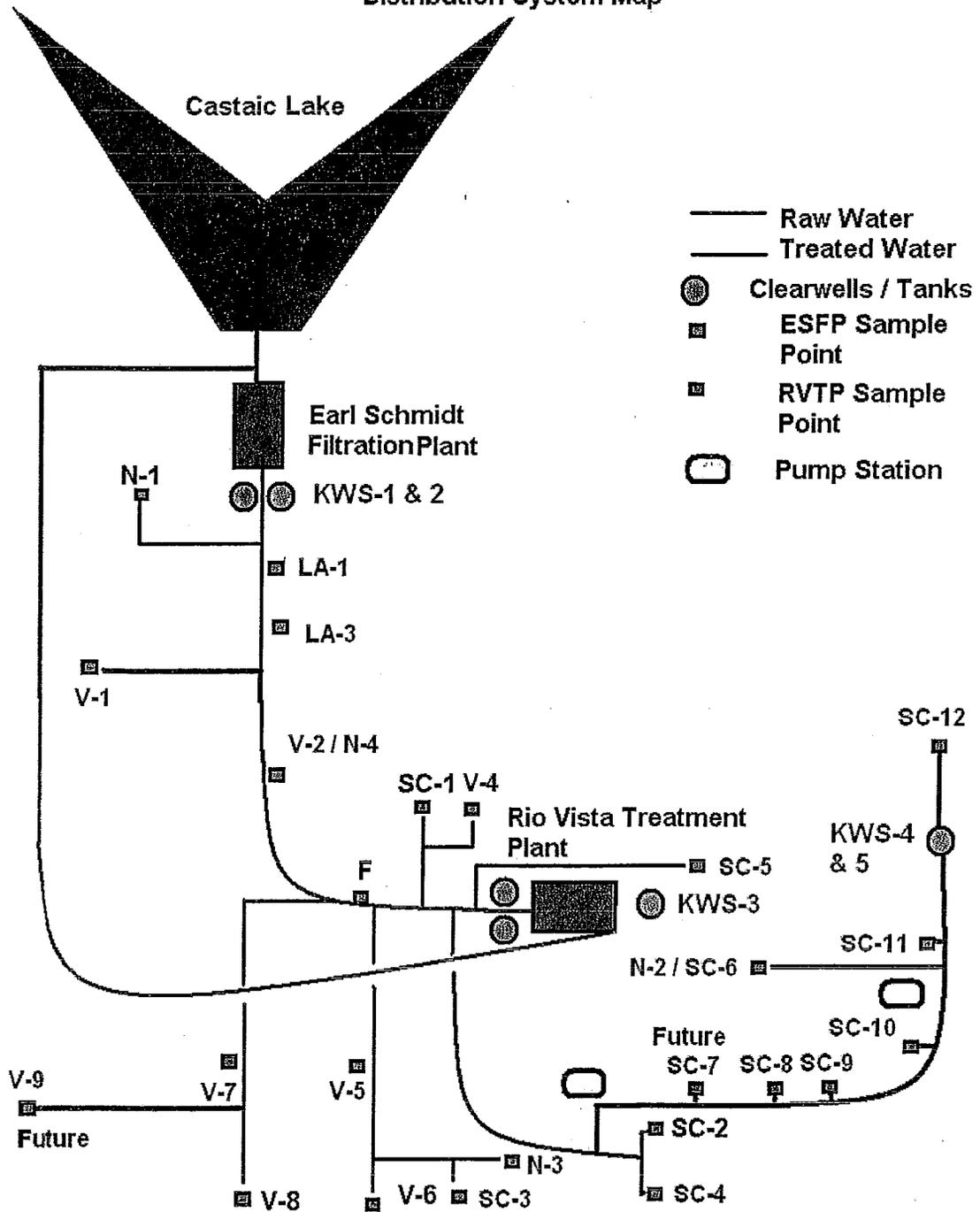
**B) WELL CONNECTIONS**

- 1) Newhall County Water District – (Feed back through N-2)
  - 11, NCWD, San Fernando Rd., Circle J Ranch
  - 12, NCWD, San Fernando Rd., Circle J Ranch
  
- 2) Valencia Water Company – (Feed back through Inter-Tie next to the F)
  - N1, Baseball Fields on Valencia Blvd.
  - N7, Baseball Fields on Valencia Blvd
  - N8, Baseball Fields on Valencia Blvd
  - T7, Access Road at East End of Newhall Ranch Rd.
  - U4, Access Road at East End of Newhall Ranch Rd.
  - U6, Access Road at East End of Newhall Ranch Rd.

**C) TANKS**

- KWS-1; ESFP Clearwell – East
- KWS-2; ESFP Clearwell – West
- KWS-3; RVTP Plant Water Tank, Upper Mesa
- KWS-4; Sand Canyon Tank – East
- KWS-5; Sand Canyon Tank – West

Figure 1  
Castaic Lake Water Agency  
Distribution System Map



## Instructions for Tier 3 Monitoring Violations Annual Notice Template

### Template Attached

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

### Notification Methods

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

<i>If You Are a...</i>	<i>You Must Notify Consumers by...</i>	<i>...and By One or More of the Following Methods to Reach Persons Not Likely to be Reached by the Previous Method...</i>
Community Water System [64463.7(c)(1)]	Mail or direct delivery <sup>(a)</sup>	Publication in a local newspaper
		Posting <sup>(b)</sup> 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 <sup>(b)</sup>	Publication in a local newspaper or newsletter distributed to customers
		Email message to employees or students
		Posting <sup>(b)</sup> 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 Report<sup>1</sup>. 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

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

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

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

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

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

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

### **Multilingual Requirement**

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

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

### **Population Served**

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

## **Corrective Actions**

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

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

## **After Issuing the Notice**

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

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

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

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

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

### Monitoring Requirements Not Met for [System]

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

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

#### What should I do?

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

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

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

#### What happened? What is being done?

[Describe corrective action].

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

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

### **Secondary Notification Requirements**

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

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

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

State Water System ID#: \_\_\_\_\_. Date distributed: \_\_\_\_\_.



**PROOF OF NOTIFICATION**

Name of Water System: Castaic Lake Water Agency

System Number: 1910048

**Certification of Notification for  
TCR Monitoring Violation**

As required by *California Code of Regulations*, Title 22, Section 64463.7, I notified the users of the water supplied by Castaic Water Agency water system of the violation of the Sections 64421 and 64424 (a) (1) of Title 22, *California Code of Regulations*. I complied with the requirement to conduct public notification as indicated below:

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

\_\_\_\_\_  
Signature of Water System Representative

\_\_\_\_\_  
Date

**ATTACH A COPY OF THE NOTICE USED.**

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE DIVISION**

