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SECRETARY FOR  
ENVIRONMENTAL PROTECTION

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**State Water Resources Control Board**

Division of Drinking Water

February 27, 2015

Nakia Foskett  
Buckingham Park Water District  
2880 Eastlake Drive  
Kelseyville, CA 95451

**CITATION NO. 02\_03\_15C\_008 FOR PUBLIC WATER SYSTEM NO. 1710011  
Maximum Contaminant Level – Disinfection Byproducts January 2015**

Enclosed is a citation issued to the Buckingham Park Water District (System) by the State Water Resources Control Board, Division of Drinking Water (Division) for failure to comply with the TTHM maximum contaminant level in the running annual average during the four quarter monitoring period of April 1, 2014 to March 31, 2015.

Because this is an enforcement action for noncompliance with State regulations, your System may be billed at the Division's hourly rate (currently estimated at \$128.00) for the time spent issuing this citation. You will receive a bill for these fees sent from our Fee Billing Unit in Sacramento later this year.

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If you have any questions regarding this matter, please contact me at (707) 576-2734.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sheri Miller".

Sheri Miller, P.E.  
Mendocino District Engineer  
Division of Drinking Water

Enclosures

c: Lake County Environmental Health Department

1710011/Compliance  
Citation 02\_03\_15C\_008-1710011-02/SKM

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FELICIA MARCUS, CHAIR | THOMAS HOWARD, EXECUTIVE DIRECTOR

50 D Street, Suite 200, Santa Rosa, CA 95404 | [www.waterboards.ca.gov](http://www.waterboards.ca.gov)

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**STATE OF CALIFORNIA**  
**WATER RESOURCES CONTROL BOARD**  
**DIVISION OF DRINKING WATER**

**Name of Public Water System:** Buckingham Park Water District

**Water System Number:** 1710011

**To:** Buckingham Park Water District  
2880 Eastlake Drive  
Kelseyville, CA 95451

**Attn:** Nakia Foskett, General Manager

**Issued:** February 27, 2015

**CITATION FOR NONCOMPLIANCE WITH SECTION 64533(a), TITLE 22,**  
**CALIFORNIA CODE OF REGULATIONS**  
**Maximum Contaminant Level – Disinfection Byproducts**  
**January 2015**

The State of California Water Resources Control Board, Division of Drinking Water (hereinafter "Division") hereby issues a citation to the Buckingham Park Water District (hereinafter "System") for failure to comply with Section 64533(a), Title 22, of the California Code of Regulations (CCR).

1 Chapter 4, Article 9, Section 116550 of Part 12 of Division 104 of the California Health  
2 and Safety Code (CHSC), authorizes the issuance of a citation for failure to comply  
3 with requirements of Chapter 4 (California Safe Drinking Water Act), or any regulation,  
4 standard, permit, or order issued thereunder. A copy of the *Applicable Statutes and*  
5 *Regulations* is located in Appendix 1, which is attached hereto and incorporated by  
6 reference.

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8

### STATEMENT OF FACTS

9 The Buckingham Park Water District is classified as a community water system,  
10 operating in accordance with Water Supply Permit No. 02-03-08P171007 serving 449  
11 connections and an estimated population of 1,140. This permit was issued on  
12 September 15, 2008, and was amended on May 8, 2009 and August 11, 2009.

13

14 Pursuant to Title 22, CCR, Section 64534.2, the System is required to collect one  
15 distribution system sample per quarter for total trihalomethanes (TTHM) analyses, in  
16 accordance with its approved Stage 2 DBP Monitoring Plan, dated September 30,  
17 2013. Under Title 22, CCR, Section 64535.2(b)(1), compliance with the TTHM  
18 maximum contaminant level (MCL) of 0.080 mg/L is based on a running annual  
19 average, calculated quarterly, for each monitoring location.

20

21 The Division received laboratory results for quarterly TTHM samples collected during  
22 the four-quarter monitoring period of April 1, 2014, to March 31, 2015 consisting of  
23 0.080 mg/L on April 7, 2014, 0.073 mg/L on July 7, 2014, 0.065 mg/L on October 5,  
24 2014, and 0.111 mg/L on January 5, 2015. Samples were collected at 8405 Palace  
25 Drive, PS Code 1710011-005. The running annual average TTHM concentration  
26 during the four quarters ending with the first quarter 2015 is 0.082 mg/L.

27



1 The System is constructing treatment improvements including the installation of  
2 carbon filters to remove organics and the addition of potassium permanganate as a  
3 pre-oxidant during the treatment process to reduce disinfection by-products in the  
4 distribution. The project is being funded with a Proposition 50 Chapter 4a.1;  
5 5013A113 agreement.

6  
7 The System submitted a Hydrant Flushing Program to the Division on September 25,  
8 2014. The purpose of the flushing program is to reduce water age and subsequent  
9 disinfection by-product formation. The System stated it will initiate the flushing  
10 program in 2015, dependent on drought restrictions.

#### 11 12 **DETERMINATIONS**

13 The Division has determined that the Buckingham Park Water District violated Section  
14 64533(a), Title 22, of the CCR. The System failed to comply with the Maximum  
15 Contaminant Level (MCL) for TTHM for the four quarter monitoring period of April 1,  
16 2014, to March 31, 2015. For a public water system monitoring quarterly for TTHM,  
17 each locational running annual average (LRAA), computed quarterly, shall not exceed  
18 the MCL of 0.080 mg/L (80 µg/L). The TTHM LRAA for the four-quarter monitoring  
19 period of April 1, 2014, to March 31, 2015 was 0.082 mg/L at the sampling site of  
20 8405 Palace Drive, PS Code 1710011-005.

#### 21 22 **DIRECTIVES**

23 The Buckingham Park Water District is hereby directed to take the following actions:

- 24  
25 1. Forthwith, the System shall cease and desist from violating Section 64533 (a),  
26 Title 22, of the CCR.



- 1 2. **On or before March 31, 2015**, notify persons served by the System that are  
2 impacted by the disinfection byproduct MCL violation in conformance with Section  
3 64463.4 and Section 64465, Title 22 of the CCR. A copy of these regulatory  
4 sections is provided in Appendix 1. The Public Notification Template in Appendix  
5 2 must be used to fulfill this directive.  
6
- 7 3. The System shall complete Appendix 3: Compliance Certification. Submit  
8 Appendix 3 together with a copy of the two methods of public notification to the  
9 Division **on or before April 15, 2015**.  
10
- 11 4. The public notification and Certification of Compliance requirements listed in the  
12 directives above shall be performed quarterly until the System is no longer in  
13 violation of a disinfection byproduct maximum contaminant level. Future quarterly  
14 public notifications must include the most recent data available and be approved  
15 by the Department prior to distribution to the System's customers. The public  
16 notice shall be distributed within 30 days of receiving laboratory results. A copy of  
17 the public notice shall be submitted to the Department within 40 days of receiving  
18 laboratory results.  
19
- 20 5. The System shall complete and submit an Operational Evaluation Reporting Form  
21 (Appendix 4) by **May 1, 2015**. The form shall describe the potential factors that  
22 contributed to the formation of the disinfection byproducts. A compliance plan  
23 shall describe the action taken by the System to minimize the production of  
24 disinfection byproducts, a timeline for compliance and the monitoring frequency of  
25 various water quality parameters to determine if the action is adequate to minimize  
26 the formation of disinfection byproducts.  
27



1 6. The System shall include information regarding the disinfection by-product MCL  
2 violation identified in this Citation in the 2014 Consumer Confidence Report, which  
3 must be completed and distributed to customers by July 1, 2015.

4  
5 The Division reserves the right to make such modifications to this Citation as it may  
6 deem necessary to protect public health and safety. Such modifications may be  
7 issued as amendments to this Citation, and shall be deemed effective upon issuance.

8  
9 Nothing in this Citation relieves Buckingham Park Water District of its obligation to  
10 meet the requirements of the California Safe Drinking Water Act, or of any regulation,  
11 permit, standard, or order issued or adopted thereunder.

12  
13 **PARTIES BOUND**

14 This Citation shall apply to and be binding upon the System, its officers, directors,  
15 shareholders, agents, employees, contractors, successors, and assignees.

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17 **SEVERABILITY**

18 The Directives of this Citation are severable, and the System shall comply with each  
19 and every provision thereof, notwithstanding the effectiveness of any other provision.

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**FURTHER ENFORCEMENT ACTION**

Division 104, Part 12, Chapter 4, (commencing with Section 116270) of the California Health and Safety Code authorizes the Division of Drinking Water to: issue additional citations with assessment of penalties if the 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 laws or regulations or has failed to comply with orders of the Division; and petition the superior court to take various enforcement measures against a public water system that has failed to comply with orders of the Division. The Division does not waive any further enforcement action by issuance of this citation.

February 27, 2015                        
Date                                              Sheri K. Miller, P.E.  
Mendocino District Engineer  
Division of Drinking Water  
State Water Resources Control Board

Certified Mail No. 7013109000238185992

- Appendices:
- 1. Applicable Statutes and Regulations
  - 2. Public Notification Template
  - 3. Compliance Certification
  - 4. Operational Evaluation Reporting Forms



1710011/ComplianceFile #4/02\_03\_15C\_003/SKM

## APPENDIX 1. APPLICABLE STATUTES AND REGULATIONS

### FOR CITATION NO. 02-03-15C-002

*Note: The Department referenced below, formerly the California Department of Public Health, Drinking Water Program, now refers to the State Water Resources Control Board, Division of Drinking Water. The Drinking Water Program moved to the State Water Resources Control Board on July 1, 2014.*

#### **Section 116650 of the CHSC states, in relevant part:**

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

pursuant to section 64534.2(a) shall not exceed the MCLs specified in section 64533;

(3) If the running annual arithmetic average of quarterly averages covering any consecutive four-quarter period exceeds the MCL, the system is in violation of the MCL and shall notify the public pursuant to sections 64463, 64463.4, and 64465, including language in appendix 64465-G, in addition to reporting to the Department pursuant to sections 64537 through 64537.6; and

**California Code of Regulations Section 64463.4 states, in relevant part:**

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

(2) All violations of the monitoring and testing procedure requirements in sections 64421 through 64426.1, article 3 (Primary Standards – Bacteriological Quality), for which the Department determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations;

(3) Other violations of the monitoring and testing procedure requirements in this chapter, and chapters 15.5, 17 and 17.5, for which the Department determines that a Tier 2 rather than a Tier 3 public notice is required, based on potential health impacts and persistence of the violations.

(b) A water system shall give the notice as soon as possible within 30 days after it learns of a violation or occurrence specified in subsection (a), except that the water system may request an extension of up to 60 days for providing the notice. This extension would be subject to the Department's written approval based on the violation or occurrence having been resolved and the Department's determination

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.

**California Code of Regulations (CCR), Section 64465 states, in relevant part:**

- (a) Each public notice given pursuant to this article shall contain the following:
- (1) A description of the violation or occurrence, including the contaminant(s) of concern, and (as applicable) the contaminant level(s);
  - (2) The date(s) of the violation or occurrence;
  - (3) Any potential adverse health effects from the violation or occurrence, including the appropriate standard health effects language from appendices 64465-A through G;
  - (4) The population at risk, including subpopulations particularly vulnerable if exposed to the contaminant in drinking water;
  - (5) Whether alternative water supplies should be used;
  - (6) What actions consumers should take, including when they should seek medical help, if known;
  - (7) What the water system is doing to correct the violation or occurrence;
  - (8) When the water system expects to return to compliance or resolve the occurrence;
  - (9) The name, business address, and phone number of the water system owner, operator, or designee of the water system as a source of additional information concerning the public notice;
  - (10) A statement to encourage the public notice recipient to distribute the public notice to other persons served, using the following standard language: "Please share this information with all the other people who drink this water, especially those who may not have received this public notice directly (for example, people in apartments, nursing

(2) Not contain technical language beyond an eighth-grade level or print smaller than 12 point; and

(3) Not contain language that minimizes or contradicts the information being given in the public notice.



**Buckingham Park Water District**  
2880 Eastlake Drive · Kelseyville, CA 95451  
Phone (707) 279-8568 · Fax (707) 279-2947

## IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

### **Total Trihalomethanes (TTHM) MCL Violation at Buckingham Park Water District**

*Este informe contiene información importante acerca de su agua potable. Haga que alguien lo traduzca para usted, o hable con alguien que lo entienda.*

Our water system recently violated a drinking water standard. Although this incident was not an emergency, as our customers, you have a right to know what happened and what we are doing to correct this situation.

We routinely monitor for the presence of drinking water contaminants. Testing results from January 6, 2014 through January 5, 2015 were received by the District on January 19, 2015 show that our system exceeds the standard, or maximum contaminant level (MCL), for TTHM. The standard for TTHM is 0.080 mg/L. It is determined by averaging all the samples collected at each sampling location for the past 12 months. The level of TTHM averaged at one of our system's locations for January 6, 2014 through January 5, 2015 was 0.08217 mg/L.

#### **What should I do?**

- There is nothing you need to do. You do not need to boil your water or take other corrective actions. If a situation arises where the water is no longer safe to drink, you will be notified within 24 hours.
- If you have a severely compromised immune system, have an infant, are pregnant, or are elderly, you may be at increased risk and should seek advice from your health care providers about drinking this water.

#### **What does this mean?**

This is **not** an emergency. If it had been an emergency, you would have been notified within 24 hours. TTHM are four volatile organic chemicals which form when disinfectants react with natural organic matter in the water. People who drink water containing trihalomethanes in excess of the MCL over many years may experience problems with their liver, kidneys, or central nervous system, and may have an increased risk of getting cancer.

#### **What is being done?**

Buckingham Park Water District is currently under construction at its water treatment plant which is planned to be completed by August of 2015. Among other items, this project provides for replacing the existing pre-chlorination treatment processes with potassium permanganate which will reduce the formation of total trihalomethanes. In addition, Buckingham Park Water District will be adding a carbon filtration system to its treatment process which will assist in the removal of organic compounds that can have an adverse reaction with disinfectants used during the treatment process.

For more information, please contact our business office at (707)279-8568 or mail any questions that you might have to: Buckingham Park Water District 2880 Eastlake Drive Kelseyville, CA 95451.

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 notice in a public place or distributing copies by hand or mail.

This notice is being sent to you by Buckingham Park Water District. State Water System ID#:1710011.

Date distributed:.....

**CERTIFICATION OF COMPLIANCE**

**Citation Number 02-03-15C008**

Name of Water System: **Buckingham Park Water District**

System Number: **1710001**

**Certification**

As required by Section 64463.4 of the California Code of Regulations, I certify that the identified users of the water supplied by the **Buckingham Park Water District** were notified of the violations of Title 22, California Code of Regulations (CCR) for the compliance period ending in the 1st Quarter 2015. In addition, I certify that the Buckingham Park Water District has complied with the directives of this citation as indicated below:

Required Action	Date Completed
Public Notification – Mail or Hand Delivery by <b>3/31/2015*</b>	<input type="text"/>
Public Notification – Newspaper or Internet by <b>3/31/2015*</b>	<input type="text"/>

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

\_\_\_\_\_  
Date

*\*Attach a copy of the notice delivered to customers and a copy of the notice published in the newspaper or internet.*

**THIS FORM MUST BE COMPLETED AND RETURNED TO THE DEPARTMENT BY  
April 15, 2015**

**Disclosure:** Be advised that Section 116725 and 116730 of the California Health and Safety Code states that any person who knowingly makes any false statement on any report or document submitted for the purpose of compliance with the attached order may be liable for a civil penalty not to exceed five thousand dollars (\$5,000) for each separate violation for each day that violation continues. In addition, the violators may be prosecuted in criminal court and upon conviction, be punished by a fine of not more than \$25,000 for each day of violation, or be imprisoned in county jail not to exceed one year, or by both the fine and imprisonment.

**02-03-15C002**