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STATE OF CALIFORNIA
WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

TO: New Hope Community Church
4620 E. Nees Avenue
Clovis, CA 93611

Water System No. 1000529

Attn: Shelly Rolan

**CITATION FOR VIOLATION OF CALIFORNIA CODE OF REGULATIONS, TITLE 22,
SECTION 64426.1 (b) (2) - TOTAL COLIFORM MAXIMUM CONTAMINANT LEVEL**

April 2016

CITATION NO. 03-23-16C-033

Issued on June 22, 2016

The State Water Resources Control Board (hereinafter "Board"), acting by and through its Division of Drinking Water (hereinafter "Division") and the Deputy Director for the Division (hereinafter "Deputy Director"), hereby issues this citation (hereinafter "Citation") pursuant to Section 116650 of the California Health and Safety Code (hereinafter "CHSC") to the New Hope Community Church Water System (hereinafter, "Water System") (mailing address: 4620 E. Nees, Clovis, CA 93611) for violation of California Code of Regulations (CCR), Title 22, Section 64426.1 subsections (b)(2).

APPLICABLE AUTHORITIES

Section 116650 of California Health and Safety Code provides:

(a) If the division 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

31 division may issue a citation to the public water system. The citation shall be served upon
32 the public water system personally or by certified mail. Service shall be deemed effective
33 as of the date of personal service or the date of receipt of the certified mail. If a person to
34 whom a citation is directed refuses to accept delivery of the certified mail, the date of
35 service shall be deemed to be the date of mailing.

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

39 (c) A citation may specify a date for elimination or correction of the condition constituting
40 the violation.

41 (d) A citation may include the assessment of a penalty as specified in subdivision (e).

42 (e) The division may assess a penalty in an amount not to exceed one thousand dollars
43 (\$1,000) per day for each day that a violation occurred, and for each day that a violation
44 continues to occur. A separate penalty may be assessed for each violation.

45 **California Code of Regulations, Title 22, Section 64426.1, subsections (a) and (b)**
46 **provide, in relevant part:**

47 **§64426.1. Total Coliform Maximum Contaminant Level (MCL).**

48 (a) Results of all samples collected in a calendar month pursuant to Sections 64423,
49 64424, and 64425 that are not invalidated by the Division or the laboratory shall be
50 included in determining compliance with the total coliform MCL. Special purpose
51 samples such as those listed in §64421(b) and samples collected by the water
52 supplier during special investigations shall not be used to determine compliance with
53 the total coliform MCL.

54 (b) A public water system is in violation of the total coliform MCL when any of the
55 following occurs:

56 (1) For a public water system which collects at least 40 samples per month, more
57 than 5.0 percent of the samples collected during any month are total coliform-
58 positive; or

59 (2) For a public water system which collects fewer than 40 samples per month,
60 more than one sample collected during any month is total coliform-positive
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64 **STATEMENT OF FACTS**

65 Division is informed and believes that the Water System is a transient non-community
66 water system serving a church with a population of approximately six hundred twenty five

67 (625) persons through four (4) service connections. The Water System utilizes untreated
68 groundwater produced by two active wells. Well 1 serves the sanctuary and two additional
69 buildings. Well 2 serves the office and a sprinkler system. The Water System operates
70 under Water Supply Permit No. 03-23-15P-012, issued by the Division on June 24, 2015.

71

72 **Violation of the Total Coliform Rule Maximum Contaminant Level**

73 The Water System is required to collect a minimum of one (1) distribution system
74 bacteriological sample per quarter. The Water System reported the presence of total
75 coliform bacteria in nine (9) of nine (9) routine and repeat samples, including both wells,
76 collected by the Water System during April 2016. None of the positive samples showed
77 the presence of fecal coliform or *E. coli* bacteria.

78

79 The following table summarizes the bacteriological monitoring conducted during the
80 months of April and May of 2016.

81

Collection Date	Number of Samples	Sample Labeled	Number TC positive	Number E. Coli positive
4/1/2016	2	Routine	2	0
4/11/2016	4	Repeat (including "Old Well")	4 (including Well)	0
4/13/2016	3	Repeat (including Well 2)	3	0
4/19/2016	10	Well Cycle Tests (Well 1 & Well 2)	4 (Well 1) and 3 (Well 2)	0
5/5/2016	5	Well Cycle Test	1	0
5/12/2016	5	Well Cycle Test (Well not specified)	2	0
5/20/2016	5	Well Cycle Test (Well 1)	0	0

5/26/2016	5	Well Cycle Test (Well 1)	0	0
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82 Due to the above-mentioned total coliform positive samples, the Water System failed the
83 total coliform MCL for the month of April 2016. Results for water samples tested for
84 coliform bacteria during 2015 and thus far in 2016 are summarized in Attachment A. The
85 source of contamination is believed to be both wells. A "Positive Total Coliform
86 Investigation Form" has not been completed by the system. A Do Not Drink Order was
87 issued on April 13, 2016, advising consumers not to use the water until disinfection and
88 testing were completed and showed that it was free of coliform bacteria. Temporary
89 continuous chlorination of the distribution system was initiated during the first week of May
90 2016. Well cycle testing of both wells was completed. At the time of this citation,
91 temporary continuous chlorination of the distribution system has been discontinued.
92 Although the Do Not Drink Order has been lifted for Well 1's distribution zone, it remains
93 in place for zone served by Well 2.

94

95 The five routine distribution samples required the month following April 2016, which had
96 nine total coliform-positive routine and repeat samples, were not collected in May 2016
97 due to the ongoing well cycle testing and the standing Do Not Drink Order. One routine
98 sample was collected on May 26, 2016 and was negative for total coliform bacteria with a
99 chlorine residual of 1.03 ppm.

100

101 The Groundwater Rule adopted by the Division, effective August 18, 2011, requires the
102 collection of a sample for bacteriological evaluation from wells serving the system in
103 response to a coliform positive distribution sample. This requirement was met with the
104 each round of repeat sampling collected during April 2016.

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DETERMINATION

The Drinking Water Field Operations Branch of the State Water Resources Control Board – Division of Drinking Water (hereinafter 'Division') has determined that New Hope Community Church Water System (hereinafter 'Water System'), has failed to comply with Section 116555(a)(1) of the CHSC and Sections 64426.1(b)(2) and 64424(d) of Title 22, California Code of Regulations (CCR). Specifically, the Water System failed to comply with the total coliform Maximum Contaminant Level (MCL) for the month of April of 2016.

NOTIFICATION REQUIREMENTS

Section 64426.1(c) requires a public water system to notify the Division and the consumers of the water system, when a violation of Section 64426.1(b)(1) through (4) occurs. Notification to the Division shall be by the end of the business day on which the violation has been determined. If the Division is closed, notification shall be within 24 hours of the determination. The Division was notified on April 13, 2016 in accordance with the above-referenced section.

A Tier 1 Public Notice for violation of paragraph 64426(a)(1) shall be given pursuant to Section 64463.1 (a)(5). The Tier 1 Public Notice shall include the mandatory health effects language from Appendix 64465-A for a total coliform MCL failure. Section 64463.4 allows non-community water systems to give public notice by posting the notice in conspicuous locations throughout the area served by the water system and by the use of one or more of the following methods in order to reach persons not likely to be reached by a public posting: publication in a local newspaper or newsletter distributed to customers, e-mailing the public notice to water system customers, posting the public notice on the internet, or by delivery to each customer.

133 Section 116450(g) requires that upon receipt of notification from a public water system,
134 schools must notify school employees, students, and parents (if the students are minors),
135 residential rental property owners or managers (including nursing homes and care
136 facilities) must notify their tenants and business property owners, managers or operators
137 must notify employees of businesses located on the property.

138

139 Public Notification was conducted on April 13, 2016 using the Public Notice included here
140 as Attachment B. Division staff conducted a site visit on June 15, 2016, verifying that
141 Public Notification of the Do Not Drink Order was still in place for that distribution zone
142 served by Well 2.

143

144 **DIRECTIVES**

145 The Water System is hereby directed to take the following actions:

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147 1. By **July 15, 2016**, the Water System shall complete and submit the
148 enclosed "Positive Total Coliform Investigation" form to the Division that
149 describes the incident and all corrective actions taken, and the results of the
150 investigation. The appropriate investigation report is provided as
151 Attachment C.

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153 2. By **July 31, 2016**, The Water System shall conduct additional
154 bacteriological well cycle tests on the raw water produced from Well 2. The
155 cycle tests shall be conducted using the guidelines provided as Attachment
156 D. All of these raw water samples shall be analyzed for total coliform and
157 E. Coli bacteria using the Multiple Tube Fermentation Method to determine
158 the density of the coliform. The results of these samples shall be reported
159 to the Division by the 10th day of the following month.



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161 3. By **July 15, 2016**, the Water System shall submit a Bacteriological Sample
162 Siting Plan. Locations shall be identified for routine and repeat
163 bacteriological samples. Guidance for the Development of a Bacteriological
164 Sample Siting Plan is included as Attachment E.

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166 4. The Water System shall designate (label) each routine, repeat,
167 replacement, or other sample as 'Routine', 'Repeat' or 'Other' as required
168 by Section 64423.1(a) and as discussed in this Citation whenever a repeat
169 sample is collected in follow-up to a positive coliform bacteria sample.

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PARTIES BOUND

172 This Citation shall apply to and be binding upon New Hope Community Church Water
173 System, its officers, directors, shareholders, agents, employees, contractors, successors,
174 and assignees.

175

SEVERABILITY

176 The Directives of this Citation are severable, and New Hope Community Church Water
177 System shall comply with each and every provision thereof, notwithstanding the
178 effectiveness of any other provision.

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FURTHER ENFORCEMENT ACTION

181 The California SDWA authorizes the Division to: issue citation with assessment of
182 administrative penalties to a public water system for violation or continued violation of the
183 requirements of the California SDWA or any permit, regulation, permit or order issued or
184 adopted thereunder including, but not limited to, failure to correct a violation identified in a
185 citation or compliance order. The California SDWA also authorizes the Division to take
186 action to suspend or revoke a permit that has been issued to a public water system if the



187 system has violated applicable law or regulations or has failed to comply with an order of
188 the Division; and to petition the superior court to take various enforcement measures
189 against a public water system that has failed to comply with violates an order of the
190 Division. The Division does not waive any further enforcement action by issuance of this
191 citation.

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198 6/22/16

199 Date

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Betsy S. Lichti

Betsy S. Lichti, P.E.,
District Engineer
Division of Drinking Water
State Water Resources Control Board

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217 Attachments:

- 218 A. Bacteriological Monitoring Report
- 219 B. Completed Public Notice
- 220 C. Positive Total Coliform Investigation Form
- 221 D. Guidelines for Conducting a Well Cycle Test
- 222 E. Guidelines for Developing a Bacteriological Sample Siting Plan

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Certified Mail Receipt Tracking Number: 7015 1660 0000 0781 8916

Source Bacteriological Monitoring Report

1000529 *New Hope Community Church*

<i>Sample Date</i>	<i>Time</i>	<i>Source</i>	<i>Sample Type</i>	<i>Test Method</i>	<i>T Coli</i>	<i>E Coli</i>	<i>F Coli</i>	<i>HPC</i>	<i>Violation</i>	<i>Comments</i>
4/11/2016	10:05	at Old Well	Well	P/A	P	A				
4/13/2016	14:20	well 2 office womens restroom	Well	P/A	P	A				
4/19/2016	7:45	NH Well 1 - start	Well Cycle	MPN	6.3	<1				
4/19/2016	7:46	NH Well 1 - 1 min	Well Cycle	MPN	<1	<1				
4/19/2016	7:50	NH Well 2 - start	Well Cycle	MPN	<1	<1				
4/19/2016	7:50	NH Well 1 - 5 min	Well Cycle	MPN	3.1	<1				
4/19/2016	7:51	NH Well 2 - 1 min	Well Cycle	MPN	<1	<1				
4/19/2016	7:55	NH Well 2 - 5 min	Well Cycle	MPN	547.5	<1				
4/19/2016	8:00	NH Well 1 - 15 min	Well Cycle	MPN	3.1	<1				
4/19/2016	8:05	NH Well 2 - 15 min	Well Cycle	MPN	55.4	<1				
4/19/2016	8:15	NH Well 1 30 min	Well Cycle	MPN	4.1	<1				
4/19/2016	8:20	Well 2 - 30 min	Well Cycle	MPN	47.3	<1				
5/5/2016	17:30	Well - Start	Well Cycle	MPN	<1	<1				
5/5/2016	17:31	Well - 1 min	Well Cycle	MPN	1	<1				
5/5/2016	17:35	Well - 5 min	Well Cycle	MPN	<1	<1				
5/5/2016	17:45	Well - 15 min	Well Cycle	MPN	<1	<1				
5/5/2016	18:00	Well - 30 min	Well Cycle	MPN	<1	<1				
5/12/2016	13:15	Well 1 - Start	Well Cycle	MPN	<1	<1				
5/12/2016	13:16	Well 1 - 1 min	Well Cycle	MPN	<1	<1				
5/12/2016	13:20	Well 1 - 5 min	Well Cycle	MPN	<1	<1				
5/12/2016	13:30	Well 1 - 15 min	Well Cycle	MPN	1	<1				
5/12/2016	13:45	Well 1 - 30 min	Well Cycle	MPN	1	<1				
5/20/2016	10:00	Well 1 - start	Well Cycle	MPN	<1.1	<1.1				
5/20/2016	10:01	Well 1 - 1 min	Well Cycle	MPN	<1.1	<1.1				
5/20/2016	10:05	Well 1 - 5 min	Well Cycle	MPN	<1.1	<1.1				
5/20/2016	10:15	Well 1 15 min	Well Cycle	MPN	<1.1	<1.1				
5/20/2016	10:30	Well 1 - 30 min	Well Cycle	MPN	<1.1	<1.1				
5/26/2016	17:00	Well 1 - start	Well Cycle	MPN	<1.1	<1.1				
5/26/2016	17:01	Well 1 - 1 min	Well Cycle	MPN	<1.1	<1.1				
5/26/2016	17:05	Well 1 - 5 min	Well Cycle	MPN	<1.1	<1.1				
5/26/2016	17:15	Well 1 - 15 min	Well Cycle	MPN	<1.1	<1.1				
5/26/2016	17:30	Well 1 - 30 min	Well Cycle	MPN	<1.1	<1.1				

Bacteriological Distribution Monitoring Report

1000529 *New Hope Community Church*

Distribution System Freq: 1/Q

Sample Date	Time	Location	T Coli	E Coli	F Coli	Type	Cl2	Violation	Comment
1/9/2015	14:08	Murbach bldg womens restroom	A	A		Routine			
4/6/2015	10:18	Sanctuary West HB	A	A		Routine			
7/6/2015	10:21	women's restroom	A	A		Routine			
10/5/2015	11:22	sanctuary west hb	A	A		Routine			
1/11/2016	10:08	women's rr	A	A		Routine			
4/1/2016	9:20	Sanctuary West Hose Bib (2nd Qtr)	P	A		Routine		MCL	<i>Do Not Drink Order issued</i>
4/1/2016	9:32	Office Restroom Faucet	P	A		Routine			
4/11/2016	10:01	Sanctuary West Hose Bib	P	A		Repeat			
4/11/2016	10:05	Old Well	P	A		Source Repeat			
4/11/2016	10:10	Murbach Bldg Womens Restroom	P	A		Repeat			
4/11/2016	10:12	Drinking Fountain	P	A		Repeat			
4/13/2016	14:18	Well 2 Office Mens Restroom	P	A		Repeat			
4/13/2016	14:20	Well 2 Office Womens Restroom	P	A		Repeat			
5/26/2016	17:25	NH-HB	A	A		Routine	1.03		

Violation Key

<p>MCL Exceeds the maximum contaminant level</p> <p>MR1 No monthly sample for the report month</p> <p>MR2 No quarterly sample for the report month</p> <p>MR3 Incorrect number of routine samples for the report month</p> <p>MR4 Did not collect 5 routine samples for previous month's positive sample</p>	<p>MR5 Incorrect number of repeat samples as follow-up to a positive sample</p> <p>MR6 No source sample</p> <p>MR7 No summary report submitted</p> <p>MR8 Other comments and/or info</p> <p>MR9 Cl2 not reported</p>
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April 15, 2010

UNSAFE WATER ALERT**New Hope Community Church water is possibly unsafe to drink****DO NOT DRINK YOUR WATER**

Failure to follow this advisory could result in illness.

Due to a significant rise in positive total coliform repeat samples, the State Water Resources Control Board and the New Hope Community Church Water System are advising customers of the New Hope Community Church Water System to NOT USE THE TAP WATER FOR DRINKING AND COOKING UNTIL FURTHER NOTICE.

What should I do?

- **DO NOT DRINK YOUR TAP WATER---USE ONLY BOTTLED WATER.** Bottled water should be used for all drinking (including baby formula and juice), brushing teeth, washing dishes, making ice and food preparation **until further notice.**
- **DO NOT TRY AND TREAT THE WATER YOURSELF.** Boiling, freezing, filtering, adding chlorine or other disinfectants, or letting water stand will not make the water safe.

We will inform you when tests show that the water is safe again. We expect to resolve the problem within _____.

For more information call:

Water Utility contact: _____

[Name, title, phone & address of responsible utility representative].

State Water Resources Control Board – Drinking Water Field Operations Branch- District Office at (559) 447-3300.

This notice is being sent to you by New Hope Community Church. California Public Water System ID # 1000529. Date Distributed: _____.

Please share this information with all other people who receive 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.