

## State Water Resources Control Board

Division of Drinking Water

January 7, 2016

Lebec County Water District  
Attn: Michael Hightower, Sr., Board President  
P. O. Box 910  
Lebec, CA 93243

**RE: LEBEC COUNTY WATER DISTRICT – WATER SYSTEM #1510051  
COMPLIANCE ORDER NO. 03\_19\_16R\_002**

Enclosed is Compliance Order No. 03\_19\_16R\_002 that the State Water Resources Control Board, Division of Drinking Water (hereinafter State Board) is issuing to the Lebec County Water District (hereinafter Water District) for a violation of the California Safe Drinking Water Act. The Water District has been serving water to consumers that contains fluoride and uranium at concentrations above the respective primary maximum contaminant level (MCL) of 2.0 mg/L for fluoride and 20 pCi/L for uranium. As discussed in the compliance order, the Water District shall develop and implement a plan to resolve the fluoride and uranium MCL violations and ensure that water served to consumers meets all applicable drinking water standards.

Please note that on or before **February 8, 2016**, the Water District is required to submit a written response to the State Board indicating its agreement to comply with the directives of the compliance order and with the Corrective Action Plan addressed in the said compliance order. **On or before April 15, 2016, the Water District is required to present the Corrective Action Plan required under Directive No. 8 of the compliance order, to the State Board at the State Board's office located at 4925 Commerce Drive, Suite 120, Bakersfield, California 93309. The deadline to achieve compliance with the fluoride and uranium MCLs is April 15, 2019.** Until the State Board determines that the Water District is in compliance with the fluoride and uranium MCLs, you must continue to provide quarterly public notification for fluoride and uranium. After providing quarterly public notification, a copy of the public notice along with a completed Certification of Public Notification form should be submitted to the State Board's Bakersfield Office. **Failure to comply with deadlines and directives specified in the compliance order will result in further enforcement action by the State Board.**

If you have any questions regarding this matter, please contact me at (661) 335-7318 or Carl Carlucci, Supervising Sanitary Engineer at (559) 447-3132.

Sincerely,



Jaswinder S. Dhaliwal, P.E.  
Senior Sanitary Engineer, Tehachapi District  
State Water Resources Control Board  
DIVISION OF DRINKING WATER

Enclosure: Compliance Order No. 03\_19\_16R\_002

CC: Kern County Environment Health Services Department  
Michael Hightower, Jr., Water Operation Supervisor, Lebec County Water District

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

TO: Lebec County Water District; Water System No.1510051  
Attn: Michael Hightower, Sr., Board President  
P. O. Box 910  
Lebec, CA 93243

**COMPLIANCE ORDER NO. 03\_19\_16R\_002  
FOR  
VIOLATION OF HEALTH AND SAFETY CODE SECTION 1166555 (a)(1) AND 116655  
AND THE PRIMARY DRINKING WATER STANDARDS FOR FLUORIDE AND URANIUM**

**Issued on January 7, 2016**

The State Water Resources Control Board (hereinafter "State 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 compliance order (hereinafter "Order") pursuant to Section 116655 of the California Health and Safety Code (hereinafter "CHSC") to Lebec County Water District (hereinafter "Water District") for violation of CHSC sections 116555(a)(1) and 116655, and for violation of Sections 64431 and 64442, Title 22, California Code of Regulations (hereinafter "CCR").

**APPLICABLE AUTHORITIES**

**CHSC, Section 116555(a)(1) states in relevant part:**

(a) Any person who owns a public water system shall ensure that the system does all of the following:

(1) Complies with primary and secondary drinking water standards.

**CHSC, Section 116655 states in relevant part:**

(a) Whenever the State Board determines that any person has violated or is violating this chapter, or any permit, regulation, or standard issued or adopted pursuant to this chapter, the director may issue an order doing any of the following:

- (1) Directing compliance forthwith.
- (2) Directing compliance in accordance with a time schedule set by the State Board.
- (3) Directing that appropriate preventive action be taken in the case of a threatened violation.

(b) An order issued pursuant to this section may include, but shall not be limited to, any or all of the following requirements:

- (1) That the existing plant, works, or system be repaired, altered, or added to.
- (2) That purification or treatment works be installed.
- (3) That the source of the water supply be changed.
- (4) That no additional service connection be made to the system.
- (5) That the water supply, the plant, or the system be monitored.
- (6) That a report on the condition and operation of the plant, works, system, or water supply be submitted to the State Board.

**Title 22, CCR, Section 64431 (hereinafter “Section 64431”), states in relevant part:**

Public water systems shall comply with the primary MCLs in table 64431-A as specified in this article.

**Table 64431-A  
Maximum Contaminant Levels  
Inorganic Chemicals**

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
Aluminum	1.
Antimony	0.006
Arsenic	0.010
Asbestos	7 MFL*
Barium	1.
Beryllium	0.004
Cadmium	0.005
Chromium	0.05
Cyanide	0.15
Fluoride	2.0
Hexavalent chromium	0.010
Mercury	0.002
Nickel	0.1
Nitrate (as nitrogen)	10.
Nitrate+Nitrite (sum as nitrogen)	10.

<i>Chemical</i>	<i>Maximum Contaminant Level, mg/L</i>
Nitrite (as nitrogen)	1.
Perchlorate	0.006
Selenium	0.05
Thallium	0.002

\* MFL=million fibers per liter; MCL for fibers exceeding 10 um in length.

**Title 22, CCR Section 64432 (hereinafter “Section 64432”) provides in relevant part:**

**Section 64432**

...

(g) If the level of any inorganic chemical, except for nitrate, nitrite, nitrate plus nitrite, or perchlorate, exceeds the MCL, the water supplier shall do one of the following:

(1) Inform the State Board within 48 hours and monitor quarterly beginning in the next quarter after the exceedance occurred; or

(2) Inform the State Board within seven days from the receipt of the analysis and, as confirmation, collect one additional sample within 14 days from receipt of the analysis. If the average of the two samples collected exceeds the MCL, this information shall be reported to the State Board within 48 hours and the water supplier shall monitor quarterly beginning in the next quarter after the exceedance occurred.

(h) If the concentration of an inorganic chemical exceeds ten times the MCL, within 48 hours of receipt of the result the water supplier shall notify the State Board and resample as confirmation. The water supplier shall notify the State Board of the result(s) of the confirmation sample(s) within 24 hours of receipt of the confirmation result(s).

(1) If the average concentration of the original and confirmation sample(s) is less than or equal to ten times the MCL, the water supplier shall monitor quarterly beginning in the quarter following the quarter in which the exceedance occurred.

(2) If the average concentration of the original and confirmation sample(s) exceeds ten times the MCL, the water supplier shall, if directed by the State Board;

(A) Immediately discontinue use of the contaminated water source; and

(B) Not return the source to service without written approval from the State Board.

(i) Compliance with the MCLs shall be determined by a running annual average; if any one sample would cause the annual average to exceed the MCL, the system is immediately in

violation. If a system takes more than one sample in a quarter, the average of all the results for that quarter shall be used when calculating the running annual average. If a system fails to complete four consecutive quarters of monitoring, the running annual average shall be based on an average of the available data.

**Section 64442, Title 22, CCR (hereinafter “Section 64442”) states in relevant part:**

Each community and nontransient-noncommunity water system (system) shall comply with the primary MCLs in Table 64442 in the drinking water supplied to the public and use the DLRs for reporting monitoring results.

**Table 64442  
Radionuclide Maximum Contaminant Levels (MCLs) and Detection  
Levels for Purposes of Reporting (DLRs)**

Radionuclide	MCL	DLR
Radium-226	5 pCi/L (combined radium-226 & -228)	1 pCi/L
Radium-228		1 pCi/L
Gross Alpha particle activity (excluding radon and uranium)	15 pCi/L	3 pCi/L
Uranium	20 pCi/L	1 pCi/L

Each system shall monitor to determine compliance with the MCLs in table 64442, as follows:

(1) Monitor at each water source, or every entry point to the distribution system that is representative of all sources being used under normal operating conditions; conduct all monitoring at the same sample site(s) unless a change is approved by the State Board, based on a review of the system and its historical water quality data;

(2) For quarterly monitoring, monitor during the same month (first, second or third) of each quarter during each quarter monitored;

(g) If any sample result is greater than an MCL:

(1) For a system monitoring less than quarterly, quarterly samples shall be collected and analyzed to determine compliance, pursuant to subsection (h);

(2) For a system that already has four consecutive quarterly results, compliance shall be determined pursuant to subsection (h).

(h) A system with one or more sample results greater than an MCL shall determine compliance with the MCL as follows:

1  
2 (1) At each sampling site, based on the analytical results for that site. Any confirmation  
3 sample result shall be averaged with the initial result.

4 (2) Using all monitoring results collected under this section during the previous 12 months,  
5 even if more than the minimum required number of samples was collected.

6 (3) By a running annual average of four consecutive quarters of sampling results. Averages  
7 shall be rounded to the same number of significant figures as the MCL for which compliance is  
8 being determined.

9 **§64463.4. Tier 2 Public Notice**

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

12 (1) Any violation of the MCL, MRDL, and treatment technique requirements, except:

13 (A) Where a Tier 1 public notice is required under section 64463.1; or

14 (B) Where the State Board determines that a Tier 1 public notice is required, based on  
15 potential health impacts and persistence of the violations;

16 **STATEMENT OF FACTS**

17 The water supply system that is owned and operated by the Water District is a community  
18 water system as defined in CHSC, section 116275. The Water District operates its domestic  
19 water supply system under the authority of Water Supply Permit No. 03-19-14P-004, issued  
20 by the California Department of Public Health on March 21, 2014. The Water District supplies  
21 domestic water to approximately 1500 individuals through 298 metered service connections.

22 The Water District utilizes three groundwater wells, Well 01-Lebec Well (PS Code: 1510051-  
23 001), Well 02-State Well (PS Code: 1510051-002) and Well 03-Chimney Canyon Well (PS  
24 Code: 1503360-003). Well 03 discharges directly into the Chimney Canyon Zone of the  
25 distribution system. Well 03 produces water containing fluoride and uranium at levels  
26 exceeding the fluoride MCL of 2.0 mg/L and uranium MCL of 20 pCi/L, as determined by the  
27 running annual average (RAA) value in four consecutive quarters of sampling.

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3 **FLUORIDE**

4 Community and nontransient noncommunity water systems must comply with the maximum  
5 contaminant level for fluoride of 2.0 mg/L, as established in Title 22 CCR Section 64431.  
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7  
8 A sample collected on May 21, 2008, from Well 03 showed a fluoride concentration of 1.9  
9 mg/L. Due to this fluoride result being close to the MCL, the Water District was directed to  
10 conduct quarterly fluoride monitoring of Well 03. Section 64432 (i) provides that compliance  
11 with the fluoride MCL is based on a RAA of the quarterly monitoring samples, computed each  
12 quarter. Further, Section 64432 (i) states: "if any one sample would cause the annual  
13 average to exceed the MCL, the system is immediately in violation."  
14

15 Based on a review of the 2008-2009 quarterly fluoride results from Well 03, the State Board  
16 determined that Well 03 was in violation of the fluoride MCL and subsequently issued  
17 Compliance Order No. 03-19-09O-047, on December 23, 2009.  
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19 A summary of Well 03's quarterly fluoride monitoring is presented in Table 1 below. All results  
20 are as reported to the State Board by the laboratory that performed the analysis.  
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**Table 1. Summary of Fluoride Results – Well 03 (PS Code: 1510051-003)**

Sample Date	Quarter	Fluoride Conc. (mg/L)	Running Annual Average Value (mg/L)
05/21/2008	2 <sup>nd</sup> Qtr. 2008	1.9 mg/L	--
11/26/2008	4 <sup>th</sup> Qtr. 2008	2.3 mg/L	--
--	1 <sup>st</sup> Qtr. 2009	No data collected (monitoring violation)	--
04/07/2009	2 <sup>nd</sup> Qtr. 2009	2.1 mg/L	2.1 mg/L
07/07/2009	3 <sup>rd</sup> Qtr. 2009	2.2 mg/L	2.2 mg/L
10/02/2009	4 <sup>th</sup> Qtr. 2009	2.2 mg/L	2.2 mg/L†
01/06/2010	1 <sup>st</sup> Qtr. 2010	2.2 mg/L	2.2 mg/L
05/12/2010	2 <sup>nd</sup> Qtr. 2010	2.1 mg/L	2.2 mg/L
07/14/2010	3 <sup>rd</sup> Qtr. 2010	2.1 mg/L	2.2 mg/L
11/15/2010	4 <sup>th</sup> Qtr. 2010	2.0 mg/L	2.1 mg/L
02/23/2011	1 <sup>st</sup> Qtr. 2011	2.3 mg/L	2.1 mg/L
06/01/2011	2 <sup>nd</sup> Qtr. 2011	2.1 mg/L	2.1 mg/L
07/18/2011	3 <sup>rd</sup> Qtr. 2011	2.3 mg/L	2.2 mg/L
--	4 <sup>th</sup> Qtr. 2011	No data collected (monitoring violation)	2.2 mg/L
01/17/2012	1 <sup>st</sup> Qtr. 2012	2.1 mg/L	2.2 mg/L
04/16/2012	2 <sup>nd</sup> Qtr. 2012	2.2 mg/L	2.2 mg/L
--	3 <sup>rd</sup> Qtr. 2012	No data collected (monitoring violation)	2.2 mg/L
10/23/2012	4 <sup>th</sup> Qtr. 2012	2.2 mg/L	2.2 mg/L
01/21/2013	1 <sup>st</sup> Qtr. 2013	2.2 mg/L	2.2 mg/L

**Table 1. Summary of Fluoride Results – Well 03 (PS Code: 1510051-003)**

Sample Date	Quarter	Fluoride Conc. (mg/L)	Running Annual Average Value (mg/L)
04/02/2013	2 <sup>nd</sup> Qtr. 2013	2.3 mg/L	2.2 mg/L
07/09/2013	3 <sup>rd</sup> Qtr. 2013	2.2 mg/L	2.3 mg/L
10/02/2013	4 <sup>th</sup> Qtr. 2013	2.1 mg/L	2.2 mg/L
01/09/2014	1 <sup>st</sup> Qtr. 2014	2.1 mg/L	2.2 mg/L
04/21/2014	2 <sup>nd</sup> Qtr. 2014	2.2 mg/L	2.1 mg/L
06/23/2014	2 <sup>nd</sup> Qtr. 2014	2.1 mg/L	2.1 mg/L
07/21/2014	3 <sup>rd</sup> Qtr. 2014	2.0 mg/L	2.1 mg/L
10/21/2014	4 <sup>th</sup> Qtr. 2014	2.2 mg/L	2.1 mg/L
02/03/2015	1 <sup>st</sup> Qtr. 2015	2.2 mg/L	2.1 mg/L
04/14/2015	2 <sup>nd</sup> Qtr. 2015	1.7 mg/L	2.1 mg/L
04/14/2015	2 <sup>nd</sup> Qtr. 2015	2.0 mg/L	2.1 mg/L
07/07/2015	3 <sup>rd</sup> Qtr. 2015	2.5 mg/L	2.2 mg/L
10/21/2015	4 <sup>th</sup> Qtr. 2015	2.0 mg/L	2.1 mg/L

**URANIUM**

Community and nontransient noncommunity water systems must comply with the maximum contaminant level for uranium of 20 pCi/L, as established in Title 22 CCR Section 64442.

A sample collected on August 18, 2009, from Well 03 showed a uranium level of 19 pCi/L. Due to this uranium result being close to the MCL, the Water District was directed to conduct

1  
2 quarterly uranium monitoring of Well 03. Section 64442 (h) provides that compliance with the  
3 uranium MCL is based on a RAA of the quarterly monitoring samples, computed each  
4 quarter. Further, Section 64442 (i) states: “if any one sample would cause the annual  
5 average at any sample site to exceed the MCL, the system shall be out of compliance  
6 immediately upon receiving the result.”  
7

8  
9 A summary of Well 03’s quarterly uranium monitoring is presented in Table 2 below, based  
10 on results reported to the State Board by the laboratory that performed the analysis. Water  
11 samples from Well 03 taken since February 3, 2015 (1st quarter of 2015), showed the RAA  
12 for uranium continuously exceeding the uranium MCL. For each quarter in 2015, the RAA  
13 value of Well 03 was consistent at 21 pCi/L, which is higher than the uranium MCL of 20  
14 pCi/L. By a letter dated December 22, 2015 (**Attachment A**), the State Board notified the  
15 Water District of its determination of the violation of the uranium MCL. In the same letter, the  
16 State Board directed the Water District to continue quarterly uranium monitoring of Well 03,  
17 to provide Tier 2 public notification to the customers, and to submit certification of completion  
18 of public notification.  
19

20 **Table 2. Summary of Uranium Results – Well 03 (PS Code 1510051-003)**

21

Sample Date and Quarter	Uranium Result (pCi/L)	Running Annual Average Value (pCi/L)
08/18/2009 (3 <sup>rd</sup> Qtr. 2009)	19	--
10/02/2009 (4 <sup>th</sup> Qtr. 2009)	17	--
01/18/2010 (1 <sup>st</sup> Qtr. 2010)	20	--
05/12/2010 (2 <sup>nd</sup> Qtr. 2010)	20	19
07/14/2010 (3 <sup>rd</sup> Qtr. 2010)	19	19
11/15/2010 (4 <sup>th</sup> Qtr. 2010)	17	19

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**Table 2. Summary of Uranium Results – Well 03 (PS Code 1510051-003)**

Sample Date and Quarter	Uranium Result (pCi/L)	Running Annual Average Value (pCi/L)
02/23/2011 (1 <sup>st</sup> Qtr. 2011)	20	19
2 <sup>nd</sup> Qtr. 2011	No Sample	19
07/18/2011 (3 <sup>rd</sup> Qtr. 2011)	16	18
4 <sup>th</sup> Qtr. 2011	No Sample	18
01/17/2012 (1 <sup>st</sup> Qtr. 2012)	16	16
04/16/2012 (2 <sup>nd</sup> Qtr. 2012)	18	17
3 <sup>rd</sup> Qtr. 2012	No Sample	17
10/23/12 (4 <sup>th</sup> Qtr. 2012)	19	18
01/21/2013 (1 <sup>st</sup> Qtr. 2013)	18	18
04/02/2013 (2 <sup>nd</sup> Qtr. 2013)	20	19
07/09/2013 (3 <sup>rd</sup> Qtr. 2013)	19	19
10/02/2013 (4 <sup>th</sup> Qtr. 2013)	19	19
01/09/2014 (1 <sup>st</sup> Qtr. 2014)	20	20
04/21/2014 (2 <sup>nd</sup> Qtr. 2014)	19	19
06/23/2014 (2 <sup>nd</sup> Qtr. 2014)	20	20
07/21/2014 (3 <sup>rd</sup> Qtr. 2014)	20	20
10/21/2014 (4 <sup>th</sup> Qtr. 2014)	22	20
02/03/15 (1 <sup>st</sup> Qtr. 2015)	22	<b>21 (MCL Violation)</b>
04/14/15 (2 <sup>nd</sup> Qtr., 2015)	19	<b>21 (MCL Violation)</b>
07/07/15 (3 <sup>rd</sup> Qtr. 2015)	21	<b>21 (MCL Violation)</b>
10/21/15 (4 <sup>th</sup> Qtr. 2015)	21	<b>21 (MCL Violation)</b>

**DETERMINATIONS**

Based on the above facts, the State Board has determined that the Water District violated CHSC sections 116555(a)(1) and 116655, and Sections 64431 and 64442, Title 22, CCR. The violation of the drinking water standards for fluoride and uranium occurred because water produced by Well 03-Chimeny Canyon Well (PS Code: 1510051-003), during the quarters shown in Tables 1 and 2 above, exceeded the respective MCLs for fluoride and uranium. Furthermore, the State Board has determined that said violations have continued through the date of this Order.

1  
2 **DIRECTIVES**

3 The Water District is hereby directed to take the following actions:  
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- 5
- 6 1. Cease and Desist from failing to comply with Sections 116555(a)(1) and 116555(a)(3)  
7 of the CHSC and Sections 644431 and 64442 of the CCR. On or before **April 15,**  
8 **2019**, comply with these sections and remain in compliance by ensuring that the Water  
9 District's consumers are provided with a reliable and adequate supply of pure,  
10 wholesome, healthful, and potable water, in compliance with all applicable primary  
11 drinking water standards.
  
  - 12 2. On or before **February 8, 2016**, submit a written response to the State Board  
13 indicating its agreement to comply with the directives of this Order and with the  
14 Corrective Action Plan addressed herein.  
15
  
  - 16 3. Commencing on the date of service of this Order, provide quarterly public notification  
17 in accordance with **Attachment B**, hereto, of Water District's failure to meet the  
18 fluoride MCL during any calendar quarter that the four-quarter running annual average  
19 exceeds the MCL.  
20
  
  - 21 4. Commencing on the date of service of this Order, submit proof of each public  
22 notification of the fluoride MCL violation, conducted in compliance with Directive No. 3,  
23 herein above, within 10 days following each such notification, using the form provided  
24 as **Attachment C**, hereto.  
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- 1  
2 5. Commencing on the date of service of this Order, provide quarterly public notification  
3 in accordance with **Attachment D**, hereto, of Water District's failure to meet the  
4 uranium MCL during any calendar quarter that the four-quarter running annual average  
5 exceeds the MCL.  
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- 7  
8 6. Commencing on the date of service of this Order, submit proof of each public  
9 notification of the uranium MCL violation, conducted in compliance with Directive No.  
10 5, herein above, within 10 days following each such notification, using the form  
11 provided as **Attachment E**, hereto.  
12
- 13 7. Commencing on the date of service of this Order collect quarterly samples for fluoride  
14 and uranium from Well 03, as required by Sections 64432(g) and 64442(g), and  
15 ensure that the analytical results are reported to the State Board electronically by the  
16 analyzing laboratory no later than the 10<sup>th</sup> day following the month in which the  
17 analysis was completed.  
18
- 19 8. By **April 15, 2016**, prepare for State Board approval a Corrective Action Plan  
20 identifying improvements to the water system designed to correct the water quality  
21 problems (violation of the fluoride and uranium MCLs) and ensure that the Water  
22 District delivers water to consumers that meets primary drinking water standards. The  
23 plan shall include a time schedule for completion of each of the phases of the project  
24 such as design, construction, and startup, and a date as of which the Water District will  
25 be in compliance with the fluoride and uranium MCLs, which date shall be no later than  
26 **April 15, 2019**.  
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9. On or before **April 15, 2016**, present the Corrective Action Plan required under Directive No. 8, above, to the State Board at the State Board's office, located at 4925 Commerce Drive, Suite 120, Bakersfield, CA 93309.
10. Timely perform the State Board approved Corrective Action Plan and each and every element of said plan according to the time schedule set forth therein.
11. On or before **July 1, 2016**, and every three months thereafter, submit a report to the State Board in the form provided as **Attachment F**, hereto, showing actions taken during the previous calendar three months to comply with the Corrective Action Plan.
12. Not later than ten (10) days following the date of compliance with the fluoride and uranium MCLs, demonstrate to the State Board that the water delivered by the Water District complies with the respective MCL for fluoride and uranium.
13. Notify the State Board in writing no later than five (5) days prior to the deadline for performance of any Directive set forth herein if the Water District anticipates it will not timely meet such performance deadline.

As used in this Order, the date of issuance shall be the date of this Order; and the date of service shall be the date of service of this Order, personal or by certified mail, on the Water District.

The State Board reserves the right to make such modifications to this Order and/or to issue

1  
2 such further order(s) as it may deem necessary to protect public health and safety. Such  
3 modifications may be issued as amendments to this Order and shall be deemed effective  
4 upon issuance. Nothing in this Order relieves the Water District of its obligation to meet the  
5 requirements of the California SDWA, or any regulation, standard, permit or order issued  
6 thereunder.

7  
8 All submittals required by this Order shall be addressed to:

9           Jaswinder S. Dhaliwal, P.E., Senior Sanitary Engineer  
10           State Water Resources Control Board  
11           Division of Drinking Water, Tehachapi District  
12           4925 Commerce Drive, Suite 120  
13           Bakersfield, CA 93309

14 **PARTIES BOUND**

15 This Order shall apply to and be binding upon the Water District, its owners, shareholders,  
16 officers, directors, agents, employees, contractors, successors, and assignees.

17 **SEVERABILITY**

18 The Directives of this Order are severable, and the Water District shall comply with each and  
19 every provision hereof, notwithstanding the effectiveness of any other provision.  
20

21 **FURTHER ENFORCEMENT ACTION**

22 The California SDWA authorizes the State Board to: issue a citation with assessment of  
23 administrative penalties to a public water system for violation or continued violation of the  
24 requirements of the California SDWA or any regulation, permit, standard, citation, or order  
25 issued or adopted thereunder including, but not limited to, failure to correct a violation  
26

1  
2 identified in a citation or compliance order. The California SDWA also authorizes the State  
3 Board to take action to suspend or revoke a permit that has been issued to a public water  
4 system if the public water system has violated applicable law or regulations or has failed to  
5 comply with an order of the State Board; and to petition the superior court to take various  
6 enforcement measures against a public water system that has failed to comply with an order  
7 of the State Board. The State Board does not waive any further enforcement action by  
8 issuance of this Order.  
9

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12 Carl L. Carlucci, P.E., Chief  
13 Central California Section  
State Water Resources Control Board  
Division of Drinking Water

1-7-2016  
Date

14 Certified Mail No. 7014 3490 0001 7868 9320  
15



16 **Attachments**

- 17 Attachment A: Letter dated December 22, 2015 from the State Board  
18 Attachment B: Fluoride Public Notification Template  
19 Attachment C: Certification of Completion of Public Notification Template for Fluoride  
20 Attachment D: Uranium Public Notification Template  
21 Attachment E: Certification of Completion of Public Notification Template for Uranium  
22 Attachment F: Quarterly Progress Report Template

23 cc: Kern County Environmental Health Services Department (w/o attachments)  
24 Michael Hightower, Jr., Water Operation Supervisor, Lebec County Water District  
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## **Attachment A**

**Letter Dated December 22, 2015 from the State Board**



EDMUND G. BROWN JR.  
GOVERNOR



MATTHEW RODRIGUEZ  
SECRETARY FOR  
ENVIRONMENTAL PROTECTION

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

December 22, 2015  
System No. 1510051

Michael Hightower, Board President  
Lebec County Water System  
P. O. Box 910  
Lebec, CA 93243

**RE: PUBLIC NOTIFICATION FOR VIOLATION OF THE MAXIMUM CONTAMINANT LEVEL (MCL) FOR URANIUM FOR LEBEC COUNTY WATER DISTRICT WATER SYSTEM**

Dear Mr. Hightower:

By a letter dated April 20, 2009, the California Department of Public Health, Division of Drinking Water (now State Water Resources Control Board; and hereinafter State Board) directed the Lebec County Water District Water System (hereinafter Water System) to conduct quarterly uranium monitoring of Well 03-Chimney Canyon (PS Code 1510051-003), based on results of samples collected in 2008 being near or above the uranium maximum contaminant level (MCL) of 20 pCi/L. The uranium results that have been submitted to the State Board are summarized in the table below, with the calculated Running Annual Average (RAA) values. **Enclosed (Enclosure 1)** with this letter is a report from the State Board's water quality database showing the uranium results.

**Summary of Uranium Results – Well 03 (PS Code 1510051-003)**

Sample Date	Uranium Result (pCi/L)	RAA Value for Uranium (pCi/L)
08/18/2009 (3 <sup>rd</sup> Qtr. 2009)	19.0	--
10/02/2009 (4 <sup>th</sup> Qtr. 2009)	17.0	--
01/18/2010 (1 <sup>st</sup> Qtr. 2010)	20.0	--
05/12/2010 (2 <sup>nd</sup> Qtr. 2010)	20.0	19.0
07/14/2010 (3 <sup>rd</sup> Qtr. 2010)	19.0	19.0
11/15/2010 (4 <sup>th</sup> Qtr. 2010)	17.0	19.0
02/23/2011 (1 <sup>st</sup> Qtr. 2011)	20.0	19.0
2 <sup>nd</sup> Qtr. 2011	No Sample	19.0
07/18/2011 (3 <sup>rd</sup> Qtr. 2011)	16.0	18.0
4 <sup>th</sup> Qtr. 2011	No Sample	18.0
01/17/2012 (1 <sup>st</sup> Qtr. 2012)	16.0	16.0
04/16/2012 (2 <sup>nd</sup> Qtr. 2012)	18.0	17.0

Sample Date	Uranium Result (pCi/L)	RAA Value for Uranium (pCi/L)
3 <sup>rd</sup> Qtr. 2012	No Sample	17.0
10/23/12 (4 <sup>th</sup> Qtr. 2012)	19.0	18.0
01/21/2013 (1 <sup>st</sup> Qtr. 2013)	18.0	18.0
04/02/2013 (2 <sup>nd</sup> Qtr. 2013)	20.0	19.0
07/09/2013 (3 <sup>rd</sup> Qtr. 2013)	19.0	19.0
10/02/2013 (4 <sup>th</sup> Qtr. 2013)	19.0	19.0
01/09/2014 (1 <sup>st</sup> Qtr. 2014)	20.0	20.0
04/21/2014 (2 <sup>nd</sup> Qtr. 2014)	19.0	19.0
06/23/2014 (2 <sup>nd</sup> Qtr. 2014)	20.0	19.0
07/21/2014 (3 <sup>rd</sup> Qtr. 2014)	20.0	20.0
10/21/2014 (4 <sup>th</sup> Qtr. 2014)	22.0	20.0
02/03/15 (1 <sup>st</sup> Qtr. 2015)	22.0	21.0 (MCL Violation)
04/14/15 (2 <sup>nd</sup> Qtr. 2015)	19.0	21.0 (MCL Violation)
07/07/15 (3 <sup>rd</sup> Qtr. 2015)	21.0	21.0 (MCL Violation)
10/21/15 (4 <sup>th</sup> Qtr. 2015)	21.0	21.0 (MCL Violation)

The above table shows the calculated uranium RAA values for Well 03 (Chimney Canyon Well). The RAA values have been calculated based on quarterly samples collected from 3<sup>rd</sup> quarter of 2009 to the 4<sup>th</sup> quarter of 2015. As shown in the above table, RAA values for the 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup>, and 4<sup>th</sup> quarters of 2015 are all above the uranium MCL of 20 pCi/L. **Therefore, the State Board has determined that Well 03 is in violation of the Uranium MCL.** To notify the Lebec County Water District's customers of the uranium MCL violation, you will need to issue Tier 2 public notification to the customers. **Enclosed (Enclosure 2)** is a copy of the public notice for issuing to the customers of the Water System. **The public notice should be issued before January 15, 2016.** Also enclosed (**Enclosure 3**) is a blank *Certification of Completion of Public Notification* form. Within 10 days of issuing the uranium public notice, please forward copies of the public notice and completed *Certification of Completion of Public Notification* form to the State Board.

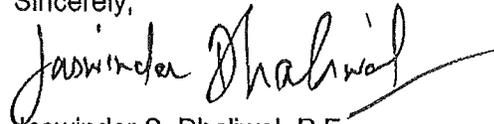
The State Board will be soon issuing a compliance order to document the uranium MCL violation. In the compliance order, the Water System will be required to provide a plan and time schedule to comply with the uranium MCL. Until the compliance order is issued by the State Board, the Water System is directed to take the following actions:

1. Conduct quarterly uranium monitoring of Well 03 and track RAA values for this well.
2. Provide Tier 2 quarterly public notification of the uranium MCL violation when the RAA value is 20.5 pCi/L or higher for a quarter.
3. Within 10 days of issuing the quarterly uranium public notice, forward copies of the public notice and completed *Certification of Completion of Public Notification* form to the State Board.

As a reminder, all chemical water quality monitoring data obtained for each well should continue to be submitted to the State Board via electronic data transfer (EDT) using the Primary Station Code assigned to each well.

If you have any questions regarding this matter, please contact Dawn Carlton in our office at (661) 335-7324.

Sincerely,



Jaswinder S. Dhaliwal, P.E.  
Senior Sanitary Engineer, Tehachapi District  
SOUTHERN CALIFORNIA BRANCH  
DRINKING WATER FIELD OPERATIONS

**Enclosures:**

- Enclosure 1: Report from the State Board's Water Quality Database
- Enclosure 2: Tier 2 Public Notice for Uranium MCL Violation
- Enclosure 3: Certification of Completion of Public Notification Form

cc: Kern County Environmental Health Services Department (w/o enclosures)  
Michael Hightower, Jr., Water System Operator, Lebec CWD

JSD/dc

**Enclosure 1**

**Report from the State Board's Water Quality Database**

STATE OF CALIFORNIA  
 DRINKING WATER ANALYSES RESULTS REPORT  
 ALL SAMPLES FOR SELECTED CONSTITUENTS - ALL RESULTS  
 FOR SAMPLE DATE RANGE OF 20090101 THRU 20151218  
 REPORT OF SYSTEM: 1510051

SYSTEM NO: 1510051      NAME: LEBEC COUNTY WATER DISTRICT      COUNTY: KERN  
 SOURCE NO: 003      NAME: WELL 03 (CHIMNEY CANYON WELL)      CLASS: CMGD      STATUS: Active

PSCODE	GROUP/CONSTITUENT IDENTIFICATION	DATE	RESULT *	MCL	DLR	TRIGGER	UNIT
1510051003	1510051 LEBEC COUNTY WATER DISTRICT	003	WELL 03 (CHIMNEY CANYON WELL)				
	RA RADIOLOGICAL						
	28012 URANIUM (PCI/L)	2009/08/18	19.0000	20.000	2.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2009/10/02	17.0000	20.000	2.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2010/01/28	20.0000	20.000	2.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2010/05/12	20.0000	20.000	2.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2010/07/14	19.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2010/11/15	17.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2011/02/23	20.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2011/07/18	16.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2012/01/17	16.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2012/04/16	18.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2012/10/23	19.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2013/01/21	18.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2013/04/02	20.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2013/07/09	19.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2013/10/02	19.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2014/01/09	20.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2014/04/21	19.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2014/06/23	20.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2014/07/21	20.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2014/10/21	22.0000 *	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2015/02/03	22.0000 *	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2015/04/14	19.0000	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2015/07/07	21.0000 *	20.000	1.000	20.000	PCI/L
	28012 URANIUM (PCI/L)	2015/10/21	21 *	20.000	1.000	20.000	PCI/L

**Enclosure 2**

**Tier 2 Public Notice for Uranium MCL Violation**

**Instructions for Tier 2 Chemical or Radiological MCLs Notice Template**

**Template Attached**

Since exceeding chemical or radiological maximum contaminant levels (MCLs) is a Tier 2 violation, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation [California Code of Regulations Title 22, Chapter 15, Section 64463.4(b)]. **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 [64463.4(c)(1)]	Mail or direct delivery <sup>(a)</sup>	Publication in a local newspaper
		Posting in conspicuous public places served by the water system or on the Internet <sup>(b)</sup>
		Delivery to community organizations
Non-Community Water System [64463.4(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 on the Internet or intranet <sup>(b)</sup>
		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. 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 health effects and notification language in italics unchanged. This language is mandatory [64465].

**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 Action**

In your notice, describe corrective actions you are taking. Do not use overly technical terminology when describing treatment methods. Listed below are some steps commonly taken by water systems with chemical or radiological violations. Use one or more of the following actions, if appropriate, or develop your own:

- "We are working with [local/state agency] to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove [contaminant] or connecting to [system]'s water supply."
- "We have stopped using the contaminated well. We have increased pumping from other wells, and we are investigating drilling a new well."
- "We will increase the frequency at which we test the water for [contaminant]."
- "We have since taken samples at this location and had them tested. They show that we meet the standards."

### **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.

### **Lebec County Water District Has Levels of Uranium Above the Drinking Water Standard**

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

We routinely monitor for the presence of drinking water contaminants. Water sample results received from 1<sup>st</sup> quarter of 2015 to 4th quarter of 2015 from Well 03 showed the Running Annual Average (RAA) of uranium as 21 pCi/L. This is above the standard or maximum contaminant level (MCL) of 20 pico Curies per liter (pCi/L).

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

- **You do not need to use an alternative water supply (e.g., bottled water).**
- This is not an immediate risk. If it had been, you would have been notified immediately. However, some people who drink water containing uranium in excess of the MCL over many years may have kidney problems or an increased risk of getting cancer. If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

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

Lebec County Water District is working with the State Water Resources Control Board to resolve the high uranium problem.

For more information, please contact Michael Hightower, Board President at 661-248-6872 or the SWRCB Division of Drinking Water at 661-335-7315.

*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 Lebec County Water District

State Water System ID#:1510051 Date distributed: \_\_\_\_\_.

**Enclosure 3**

**Certification of Completion of Public Notification Form**

**Certification of Completion of Public Notification**  
**(Include a Copy of Public Notice with the Certification of Public Notification)**

This form, when completed and returned to the Division of Drinking Water – Tehachapi District (4925 Commerce Drive, Suite 120, Bakersfield, CA 93309 or fax to 661-335-7316), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463-64465.

Public Water System Name: Lebec County Water District

Public Water System No.: 1510051

Public notification for Uranium MCL Violation of Well 03 (PS Code 1510051-003) was performed by the following method(s) (check and complete those that apply):

- The notice was mailed to users on: \_\_\_\_\_  
A copy of the notice is attached.
- The notice was hand delivered to water customers on: \_\_\_\_\_  
A copy of the notice is attached.
- The notice was published in the local newspaper on: \_\_\_\_\_  
A copy of the newspaper notice is attached.
- The notice was posted at conspicuous places on: \_\_\_\_\_  
A copy of the notice is attached.  
A list of locations the notice was posted is attached.
- The notice was delivered to community organizations on: \_\_\_\_\_  
A copy of the notice is attached.  
A list of community organizations the notice was delivered to is attached.

I hereby certify that the above information is factual.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Disclosure:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state 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 separate violation each day that the 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 the county jail not to exceed one year, or by both the fine and imprisonment.

Due to the State Board within 10 days of issuance of notice to customers and no later than January 15, 2016

Enforcement No. Pending

## **Attachment B**

### **Fluoride Public Notification Template**

# Instructions for Tier 2 Chemical or Radiological MCLs Notice Template

## Template Attached

Since exceeding chemical or radiological maximum contaminant levels (MCLs) is a Tier 2 violation, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation [California Code of Regulations Title 22, Chapter 15, Section 64463.4(b)]. **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 [64463.4(c)(1)]	Mail or direct delivery <sup>(a)</sup>	Publication in a local newspaper
		Posting in conspicuous public places served by the water system or on the Internet <sup>(b)</sup>
		Delivery to community organizations
Non-Community Water System [64463.4(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 on the Internet or intranet <sup>(b)</sup>
		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. 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 health effects and notification language in italics unchanged. This language is mandatory [64465].

### 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 Action**

In your notice, describe corrective actions you are taking. Do not use overly technical terminology when describing treatment methods. Listed below are some steps commonly taken by water systems with chemical or radiological violations. Use one or more of the following actions, if appropriate, or develop your own:

- "We are working with [local/state agency] to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove [contaminant] or connecting to [system]'s water supply."
- "We have stopped using the contaminated well. We have increased pumping from other wells, and we are investigating drilling a new well."
- "We will increase the frequency at which we test the water for [contaminant]."
- "We have since taken samples at this location and had them tested. They show that we meet the standards."

### **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.

### Lebec County Water District Has Levels of Fluoride Above the Drinking Water Standard

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

We routinely monitor for the presence of drinking water contaminants. Water sample results received from \_\_\_\_\_ from Well 03 showed the Running Annual Average (RAA) of fluoride as \_\_\_\_\_ mg/L. This is above the standard or maximum contaminant level (MCL) of 2.0 mg/L.

#### What should I do?

- **Children under the age of nine should use an alternative source of water that is low in fluoride.** You may also want to contact your dentist about proper use by young children of fluoride-containing products.
- This is not an emergency. If it had been, you would have been notified immediately. Rather, *this is an alert about your drinking water and a cosmetic dental problem that might affect children under nine years of age. At low levels, fluoride can help prevent cavities, but children drinking water containing more than 2 milligrams per liter (mg/L) of fluoride may develop cosmetic discoloration of their permanent teeth (dental fluorosis).*
- *Dental fluorosis may result in a brown staining and/or pitting of the permanent teeth. This problem occurs only in developing teeth, before they erupt from the gums. Children under nine should be provided with alternative sources of drinking water or water that has been treated to remove the fluoride to avoid the possibility of staining and pitting of their permanent teeth. You may also want to contact your dentist about proper use by young children of fluoride-containing products. Older children and adults may safely drink the water.*
- *Drinking water containing more than 4 mg/L of fluoride can increase your risk of developing bone disease. Although bone disease may develop in anyone exposed to years of drinking water containing more than 4 mg/L of fluoride, dental fluorosis can occur after a relatively short period of exposure (i.e., months) in children under the age of nine.*
- For other health issues concerning the consumption of this water, you may wish to consult your doctor.

- *Some home water treatment units are also available to remove fluoride from drinking water. To learn more about available home water treatment units, you may call the State Water Resources Control Board, Residential Water Treatment Device Registration Unit at (916) 449-5600 or visit the State Board's website at <http://www.swrcb.ca.gov/>.*

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

Fluoride contamination is rarely due to human activity. Fluoride occurs naturally in some areas and is found in high concentrations in our source water.

Lebec County Water District is working with the State Water Resources Control Board to resolve the high fluoride problem.

For more information, please contact the Lebec County Water District Office at 661-248-6872 or the SWRCB Division of Drinking Water at 661-335-7315.

*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 Lebec County Water District

State Water System ID#: 1510051 Date distributed: \_\_\_\_\_.

**Attachment C**

**Certification of Completion of Public Notification Template  
for Fluoride**

**Certification of Completion of Public Notification**  
**(Include a Copy of Public Notice with the Certification of Public Notification)**

This form, when completed and returned to the Division of Drinking Water – Tehachapi District (4925 Commerce Drive, Suite 120, Bakersfield, CA 93309 or fax to 661-335-7316), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463-64465.

**Public Water System Name:** Lebec County Water District

**Public Water System No.:** 1510051

Public notification for **Fluoride MCL Violation of Well 03 (PS Code 1510051-003)** was performed

by the following method(s) (check and complete those that apply):

- The notice was mailed to users on: \_\_\_\_\_  
A copy of the notice is attached.
  
- The notice was hand delivered to water customers on: \_\_\_\_\_  
A copy of the notice is attached.
  
- The notice was published in the local newspaper on: \_\_\_\_\_  
A copy of the newspaper notice is attached.
  
- The notice was posted at conspicuous places on: \_\_\_\_\_  
A copy of the notice is attached.  
A list of locations the notice was posted is attached.
  
- The notice was delivered to community organizations on: \_\_\_\_\_  
A copy of the notice is attached.  
A list of community organizations the notice was delivered to is attached.

I hereby certify that the above information is factual.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Disclosure:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state 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 separate violation each day that the 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 the county jail not to exceed one year, or by both the fine and imprisonment.

**Due to the State Board Quarterly within 10 days of issuance of notice to customers**

Enforcement No. **03\_19\_16R\_002**

## **Attachment D**

### **Uranium Public Notification Template**

**Instructions for Tier 2 Chemical or Radiological MCLs Notice Template**

**Template Attached**

Since exceeding chemical or radiological maximum contaminant levels (MCLs) is a Tier 2 violation, you must provide public notice to persons served as soon as practical but within 30 days after you learn of the violation [California Code of Regulations Title 22, Chapter 15, Section 64463.4(b)]. **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 [64463.4(c)(1)]	Mail or direct delivery <sup>(a)</sup>	Publication in a local newspaper
		Posting in conspicuous public places served by the water system or on the Internet <sup>(b)</sup>
		Delivery to community organizations
Non-Community Water System [64463.4(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 on the Internet or intranet <sup>(b)</sup>
		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. 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 health effects and notification language in italics unchanged. This language is mandatory [64465].

**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 Action**

In your notice, describe corrective actions you are taking. Do not use overly technical terminology when describing treatment methods. Listed below are some steps commonly taken by water systems with chemical or radiological violations. Use one or more of the following actions, if appropriate, or develop your own:

- "We are working with [local/state agency] to evaluate the water supply and researching options to correct the problem. These options may include treating the water to remove [contaminant] or connecting to [system]'s water supply."
- "We have stopped using the contaminated well. We have increased pumping from other wells, and we are investigating drilling a new well."
- "We will increase the frequency at which we test the water for [contaminant]."
- "We have since taken samples at this location and had them tested. They show that we meet the standards."

### **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.

### Lebec County Water District Has Levels of Uranium Above the Drinking Water Standard

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

We routinely monitor for the presence of drinking water contaminants. Water sample results received from \_\_\_\_\_ from Well 03 showed the Running Annual Average (RAA) of uranium as \_\_\_\_\_ pCi/L. This is above the standard or maximum contaminant level (MCL) of 20 pico Curies per liter (pCi/L).

#### What should I do?

- **You do not need to use an alternative water supply (e.g., bottled water).**
- This is not an immediate risk. If it had been, you would have been notified immediately. However, some people who drink water containing uranium in excess of the MCL over many years may have kidney problems or an increased risk of getting cancer. If you have other health issues concerning the consumption of this water, you may wish to consult your doctor.

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

Lebec County Water District is working with the State Water Resources Control Board to resolve the high uranium problem.

For more information, please contact Michael Hightower, Board President at 661-248-6872 or the SWRCB Division of Drinking Water at 661-335-7315.

*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 Lebec County Water District

State Water System ID#: 1510051 Date distributed: \_\_\_\_\_.

## **Attachment E**

### **Certification of Completion of Public Notification Template for Uranium**

**Certification of Completion of Public Notification**  
**(Include a Copy of Public Notice with the Certification of Public Notification)**

This form, when completed and returned to the Division of Drinking Water – Tehachapi District (4925 Commerce Drive, Suite 120, Bakersfield, CA 93309 or fax to 661-335-7316), serves as certification that public notification to water users was completed as required by Title 22, California Code of Regulations, Sections 64463-64465.

**Public Water System Name:** Lebec County Water District

**Public Water System No.:** 1510051

Public notification for Uranium MCL Violation of Well 03 (PS Code 1510051-003) was performed by the following method(s) (check and complete those that apply):

- The notice was mailed to users on: \_\_\_\_\_  
A copy of the notice is attached.
- The notice was hand delivered to water customers on: \_\_\_\_\_  
A copy of the notice is attached.
- The notice was published in the local newspaper on: \_\_\_\_\_  
A copy of the newspaper notice is attached.
- The notice was posted at conspicuous places on: \_\_\_\_\_  
A copy of the notice is attached.  
A list of locations the notice was posted is attached.
- The notice was delivered to community organizations on: \_\_\_\_\_  
A copy of the notice is attached.  
A list of community organizations the notice was delivered to is attached.

I hereby certify that the above information is factual.

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

**Disclosure:** Be advised that Section 116725 and 116730 of the California Health and Safety Code state 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 separate violation each day that the 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 the county jail not to exceed one year, or by both the fine and imprisonment.

**Due to the State Board Quarterly within 10 days of issuance of notice to customers**

Enforcement No. 03\_19\_16R\_002

## **Attachment F**

### **Quarterly Progress Report Template**

# Quarterly Progress Report

Water System:	<b>Lebec County Water District</b>	Water System No.:	<b>1510051</b>
Compliance Order No.:	<b>03_19_16R_002</b>	Violation:	<b>Fluoride and Uranium MCLs</b>
Calendar Quarter:		Date Prepared:	

This form should be prepared and signed by Water System personnel with appropriate authority to implement the directives of the Compliance Order and the Corrective Action Plan. Please attach additional sheets as necessary. The quarterly progress report must be submitted by the 10th day of each subsequent quarter, to the Division of Drinking Water, Tehachapi District Office.

**Summary of Compliance Plan:**

**Tasks completed in the reporting quarter:**

**Tasks remaining to complete:**

**Anticipate compliance date:**

**Name**

**Signature**

**Title**

**Date**