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STATE OF CALIFORNIA
WATER RESOURCES CONTROL BOARD
DIVISION OF DRINKING WATER

IN RE: Land Project Mutual Water Company
8810 West Avenue E-8
Lancaster, CA 93536

TO: Mr. John Houghton, General Manager
Land Project Mutual Water Company

CITATION FOR NONCOMPLIANCE - WATER SYSTEM NO. 1910246
CITATION NO. 04_07_16C_001_1910246_03
Issued on August 15, 2016

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

The Division of Drinking Water of the State Water Resources Control Board (hereinafter, Division) hereby issues a citation to Land Project Mutual Water Company (hereinafter, Company) for the failure to comply with Section 64432(c)(1), Section 64445.1(b)(1)(3), and Section 64449(b)(1)(2), Title 22, California Code of Regulations.

1 **APPLICABLE AUTHORITIES**

2
3 Section 116650 of the H&S Code provides:

4
5 116650. Citations

- 6
7 (a) *If the Department determines that a public water system is in violation of this*
8 *chapter or any regulation, permit, standard, citation, or order issued or adopted*
9 *thereunder, the Department may issue a citation to the public water system. The*
10 *citation shall be served upon the public water system personally or by certified*
11 *mail. Service shall be deemed effective as of the date of personal service or the*
12 *date of receipt of the certified mail. If a person to whom a citation is directed*
13 *refuses to accept delivery of the certified mail, the date of service shall be*
14 *deemed to be the date of mailing.*
- 15
16 (b) *Each citation shall be in writing and shall describe the nature of the violation or*
17 *violations, including a reference to the statutory provision, standard, order,*
18 *citation, permit, or regulation alleged to have been violated.*
- 19
20 (c) *A citation may specify a date for elimination or correction of the condition*
21 *constituting the violation.*
- 22
23 (d) *A citation may include the assessment of a penalty as specified in subdivision*
24 *(e).*
- 25

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

5
6 Title 22, California Code of Regulations, Section 64432(c)(1), Section
7 64445.1(b)(1)(3), and Section 64449(b)(1)(2) states in relevant part:

8
9 **Section 64432(c)(1)**

10
11 (c) *Unless more frequent monitoring is required pursuant to this Chapter, the*
12 *frequency of monitoring for the inorganic chemicals listed in table 64431-A,*
13 *except for asbestos, nitrate/nitrite, and perchlorate, shall be as follows:*

14
15 (1) *Each compliance period, all community and nontransient-noncommunity*
16 *systems using groundwater shall monitor once during the year designated*
17 *by the State Board. The State Board will designate the year based on*
18 *historical monitoring frequency and laboratory capacity. All community and*
19 *nontransient-noncommunity systems using approved surface water shall*
20 *monitor annually. All systems monitoring at distribution entry points which*
21 *have combined surface and groundwater sources shall monitor annually.*

22
23 **Section 64445.1(b)(1)(3)**

24
25 (b) *When organic chemicals are not detected pursuant to Table 64445.1-A.*
26

1 (1) A water system which has not detected any of the VOCs on Table 64444-A
2 during the initial four quarters of monitoring, shall collect and analyze one
3 sample annually. After a minimum of three years of annual sampling with no
4 detection of a VOC in Table 64444-A, a system using groundwater may
5 reduce the monitoring frequency to one sample during each compliance
6 period. A system using surface water shall continue monitoring annually.
7

8 (3) A system serving 3,300 persons or less which has not detected an SOC on
9 Table 64444-A during the initial four quarters of monitoring shall collect a
10 minimum of one sample for that SOC during the year designated by the
11 State Board of each subsequent compliance period. The year will be
12 designated on the basis of historical monitoring frequency and laboratory
13 capacity.
14

15 **Section 64449(b)(1)(2)**
16

17 (b) Each community water system shall monitor its groundwater sources or
18 distribution system entry points representative of the effluent of source treatment
19 every three years and its approved surface water sources or distribution system entry
20 points representative of the effluent of source treatment annually for the following:
21

22 (1) Secondary MCLs listed in Tables 64449-A and 64449-B; and
23

24 (2) Bicarbonate, carbonate, and hydroxide alkalinity, calcium, magnesium,
25 sodium, pH, and total hardness.
26

1 **STATEMENT OF FACTS**

2

3 **Background**

4

5 The Company operates a community water system that serves a population of
6 approximately 1,500 through 535 residential and 4 commercial service connections
7 within the Antelope Acres area in Lancaster, which is located in the northerly portion
8 of Los Angeles County. The Company has been operating its water system under the
9 authority of a water supply permit (Permit No. 73-035) issued by the Division on
10 November 2, 1973 and a permit amendment (Permit Amendment No. 1910246PA-
11 001) issued by the Division on October 4, 2009.

12

13 The active sources of water supply for the Company consist of three active wells,
14 Wells 1, 3 and 8 with a capacity of 400 gallons per minute (gpm), 580 gpm, and 600
15 gpm, respectively. The water produced by the wells is chlorinated with a 12 percent
16 liquid sodium hypochlorite solution for precautionary purposes. There are two steel
17 tank reservoirs in the system: Tanks 4 and 5 with storage capacity of 0.03 million
18 gallons (MG) and 0.53 MG, respectively. The Company maintains approximately 40
19 psi in its distribution system and does not have an interconnection with another water
20 system.

21

22 On December 31, 2013, the Division issued the Company a Vulnerability Assessment
23 and Monitoring Frequency Guidelines (VAMFG) for the 2nd Period of the third
24 Compliance Cycle. In the VAMFG, the Division designated a source class code of
25 LGSC for the Company's Well 3, and 8. Well 1 was also designated a source class
26 code of LGSC on April 25, 2014 when it was reactivated. The Company is required to

1 monitor its groundwater sources according to the VAMFG (Attachment 1). The
2 VAMFG required the Company to monitor the regulated inorganic chemicals (except
3 for asbestos, nitrate/nitrite, and perchlorate), once every three years; regulated VOCs
4 annually; selected regulated SOCs (alachlor, atrazine, bentazon, 2,4-D, DEHP,
5 dinoseb, diquat, endothall, glyphosate, lindane, methoxychlor, pentachlorophenol,
6 simazine, thiobencarb, and toxaphene) once every three years; secondary standards
7 and bicarbonate, carbonate, hydroxide alkalinity, calcium, magnesium, sodium, pH,
8 and total hardness once every three years. The Company failed to monitor the above
9 constituents according to the VAMFG monitoring frequency.

10
11 **Summary of Event**

12
13 According to the Division's water quality database:

14
15 Well 1 was monitored for regulated VOCs on December 17, 2013. The next
16 monitoring round for VOCs was due in December 2014. However, the Company
17 completed this monitoring on May 24, 2016.

18
19 Wells 3 and 8 were monitored for regulated VOCs on June 25, 2013. The next
20 monitoring round for VOCs was due in June 2014. However, the Company completed
21 this monitoring on May 24, 2016.

22
23 Well 3 was monitored for regulated inorganic chemicals (except for asbestos,
24 nitrate/nitrite, and perchlorate), selected regulated SOCs (alachlor, atrazine,
25 bentazon, 2,4-D, DEHP, dinoseb, diquat, endothall, glyphosate, lindane,
26 methoxychlor, pentachlorophenol, simazine, thiobencarb, and toxaphene), secondary

1 standards and bicarbonate, carbonate, hydroxide alkalinity, calcium, magnesium,
 2 sodium, pH, and total hardness on June 27, 2011. The next round of monitoring for
 3 these constituents was due in June 2014. However, the Company completed this
 4 monitoring on May 24, 2016.

5
 6 Well 8 was monitored for regulated inorganic chemicals (except for asbestos,
 7 nitrate/nitrite, and perchlorate), selected regulated SOCs (alachlor, atrazine,
 8 bentazon, 2,4-D, DEHP, dinoseb, diquat, endothall, glyphosate, lindane,
 9 methoxychlor, pentachlorophenol, simazine, thiobencarb, and toxaphene), secondary
 10 standards and bicarbonate, carbonate, hydroxide alkalinity, calcium, magnesium,
 11 sodium, pH, and total hardness on January 28, 2013. The next round of monitoring
 12 for these constituents was due in January 2016. However, the Company completed
 13 this monitoring on May 24, 2016.

14
 15 Table 1 below listed when the last monitoring of different classes was done and their
 16 required next monitoring date:

17
 18 **Table 1: Water Quality Last Monitoring Date**

19

Water Quality Monitoring Class	Well	Last Monitoring Date	Next Monitoring Date
Inorganic Chemicals	3	06/27/2011	06/2014
	8	01/28/2013	01/2016
Volatile and Semi volatile	1	12/17/2013	12/2014
	3	06/25/2013	06/2014
	8	06/25/2013	06/2014
Synthetic Organics	3	06/27/2011	06/2014
	8	01/28/2013	01/2016
Secondary Standards/ General Physicals	3	06/27/2011	06/2014
	8	01/28/2013	01/2016

1 **DETERMINATIONS**

2
3 The Division has determined that the Company did not comply with Section
4 64432(c)(1), Section 64445.1(b)(1)(3), and Section 64449(b)(1) &(2) of Title 22,
5 California Code of Regulations for failing to monitor the Company's Wells 1, 3, and 8
6 according to the Title 22 monitoring requirements.

7
8 **DIRECTIVES**

9
10 The Company is hereby directed to take the following actions:

- 11
- 12 1. The Company shall ensure that all Title 22 required monitoring are collected,
13 delivered, analyzed, and reported in a timely manner. The Company shall develop
14 internal procedures to ensure that all Title 22 monitoring requirements will be met.
15 This should include, but not be limited to, ensuring that staff collecting samples are
16 training on the procedure document. The Company shall provide the Division with
17 its procedure document for review and comment.
18
 - 19 2. Under the Public Notification Requirements, the Title 22 monitoring violation is
20 classified as a Tier 3 Violation. Within one year of receiving this citation, the
21 Company shall complete the public notification and inform persons served by the
22 Company water system. The Company shall deliver the notice to each customer
23 receiving a bill by mail or direct delivery. A template for the Tier 3 public notice is
24 attached (Attachment 2). Public notification may also be accomplished by using
25 the annual report, also known as the Consumer Confidence Report (pursuant to
26 Section 64463.7(b)(3)). Whether the public notification is provided by using the

1 template or the Consumer Confidence Report, the content of the notice shall be
2 approved by the Division prior to issuance. A copy of the notification shall be
3 submitted to the Division within 10 days of issuance of the Tier 3 public notice,
4 along with the enclosed proof of notification form (Attachment 3).

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

9
10 Nothing in this Citation relieves the Company of its obligation to meet the
11 requirements of H&S Code, Division 104, Part 12, Chapter 4 (California Safe Drinking
12 Water Act), or any regulation, permit, standard or order issued or adopted thereunder.

13
14 All submittals required by this Citation shall be submitted to the Division at the
15 following address:

16
17 Paul Williams, P.E.
18 District Engineer, Hollywood District
19 State Water Resources Control Board
20 Division of Drinking Water
21 500 N. Central Avenue, Suite 500
22 Glendale, CA 91203
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PARTIES BOUND

This Citation shall apply and be binding upon the Company, its officers, managers, agents, employees, contractors, successors and assignees.

SEVERABILITY

The directives of this citation are severable, and the Company shall comply with each and every provision thereof notwithstanding the effectiveness of any provision.

FURTHER ENFORCEMENT ACTION

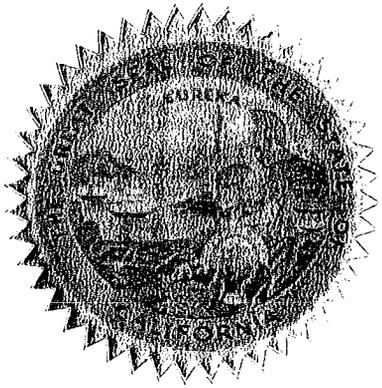
Division 104, Part 12, Chapter 4, (commencing with Section 116270) of the H&S Code authorizes the Division to issue additional citations with assessment of penalties if a public water system continues to fail to correct a violation identified in a citation; take action to suspend or revoke a permit that has been issued to a public water system if the system has violated applicable law or regulations or has failed to comply with orders of the 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. By issuance of this citation, the Division does not waive any right to take further enforcement action against the Company, including but not limited to the assessment of civil penalties as authorized by law.



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August 15, 2016
Date

Paul Williams
Paul Williams, P.E.
District Engineer
Hollywood District
Drinking Water Field Operations Branch



Attachments:

- (1): December 31, 2013 Second Period Vulnerability Assessments Letter
- (2): Tier 3 Public Notification Template
- (3): Proof of Notification Certification Form

BY CERTIFIED MAIL NO. 7012 3460 0002 3404 3722

ATTACHMENT NO. 1



Ron Chapman, MD, MPH
 Director & State Health Officer

State of California—Health and Human Services Agency
 California Department of Public Health



EDMUND G. BROWN JR.
 Governor

December 31, 2013

John Houghton
 Land Project Mutual Water Co.
 8810 W. Ave. E8
 Lancaster, CA 93536

Dear John Houghton:

**SYSTEM NO. 1910246: SECOND PERIOD VULNERABILITY ASSESSMENTS
 (January 1, 2014 through December 31, 2016)**

The second three-year compliance period (from January 1, 2014 to December 31, 2016) of the third nine-year compliance cycle (from January 1, 2011 to December 31, 2019) is around the corner.

Third Compliance Cycle									Fourth Compliance Cycle								
1 st Period			2 nd Period			3 rd Period			1 st Period			2 nd Period			3 rd Period		
2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028

On July 25, 2013, the Department sent a letter to all community and non-transient non-community water systems requesting that each water system return a completed application in order to receive contaminant monitoring waivers for this second period. Based on the applications we received, an evaluation was conducted and monitoring frequencies were adjusted for the contaminants that the waiver request was granted. We have assigned the following classification(s) for your existing source(s) of supply:

LGSC

The list of your source(s) and the designated source class code(s) is provided in Enclosure 1.

The monitoring frequencies for this second period are outlined in the attached Vulnerability Assessment and Monitoring Frequency Guidelines (VAMFG) (Enclosure 2). Each VAMFG provides a summary and outlines the general Title 22 monitoring requirements for your quick reference. The VAMFG(s) does not thoroughly address the specific Title 22 monitoring requirements pertaining to initial monitoring, follow-up sampling after detection, compliance determination, reduced monitoring, etc. For clarification on these issues, please consult the applicable regulations or contact our office. In addition, the monitoring frequencies indicated in the VAMFG do not apply to sources that exceed an MCL, or those sources subject to additional monitoring as required by the Department due to treatment operations or detections of constituents at levels of concern.

The following are some highlights of the monitoring requirements for this second period:

- **ASBESTOS**

Distribution System – If your water system received a waiver for the first period due to no asbestos-cement pipe within your distribution system, you do not need to sample this period.

If your water system has asbestos-cement pipe and received a waiver for the first period and wish to continue the waiver, you should have provided Aggressive Index data to the Department. The Department will review the data and make a determination of these distribution system asbestos waiver requests. We will inform each system that submitted a waiver request of our decision individually.

If your water system has asbestos-cement pipe and did not receive a waiver for the first period, an asbestos sample will need to be collected by December 31, 2013.

- **SYNTHETIC ORGANIC CHEMICALS (SOCs)**

Groundwater – For those SOCs that were granted a waiver, monitoring is not required during this second period. For any SOCs that were not granted a waiver, monitoring will be required by collecting **two quarterly samples in one year during this second period** for large water systems (serving > 3,300 people) or **one sample during this second period** for small water systems (serving ≤ 3,300 people).

Standby Sources – For those SOCs that were granted a waiver, monitoring is not required during this second period. For any SOCs that were not granted a

waiver, monitoring will be required by sampling once during this nine year cycle (January 2011 to December 2019).

- **THIOBENCARB**

Groundwater – The Department has completed the review of monitoring results for thiobencarb collected in the first period. Based on the review, water systems may apply for a waiver for thiobencarb. To apply, the attached Thiobencarb Waiver Form (Enclosure 3) must be completed and submitted along with the results of thiobencarb monitoring for each of your sources. A source needs to have at least three periods of non-detect results to be eligible for a waiver.

- **PERCHLORATE**

Groundwater – After completion of the initial monitoring and if not detected, the minimum monitoring frequency for perchlorate is one sample every three years. However, based on an extensive history of perchlorate monitoring showing widespread detections in Los Angeles County, the monitoring frequency for some areas was/will be increased to one sample every year. Please refer to the VAMFG(s) for the vulnerability determination of your sources.

- **1,4-DIOXANE**

Groundwater – In our letter dated December 13, 2010, we requested community and non-transient non-community water systems in Los Angeles County to sample active wells for 1,4-dioxane at least once by the end of 2011. By now all community and non-transient non-community water systems should have analytical results for 1,4-dioxane.

If 1,4-dioxane was detected above the Notification Level (NL) and 1,4-dioxane treatment is not provided for the well(s), you are required to notify your governing body pursuant to Health & Safety Code Section 116455. In addition, we recommend you inform your customers about the presence of 1,4-dioxane, and about health concerns associated with exposure to it. To provide consumer notice, you may want to consider using your annual Consumer Confidence Report, a separate mailing, or other method.

To track the movement of the plume and the concentrations of 1,4-dioxane, we recommend quarterly monitoring for a source with 1,4-dioxane NL exceedance for one year. After one year, if there is no increasing trend, the monitoring frequency can be reduced to annually.

John Houghton
Land Project Mutual Water Co.
Second Period Vulnerability Assessment
Page 4
December 31, 2013

Regulations for new chemicals are frequently being adopted. As this occurs, we will notify you. If you have any questions, please contact us at (818) 551-2004. You may also obtain additional information from our website at the following link: www.cdph.ca.gov/programs/Pages/DDWEM.aspx.

Sincerely,



Paul Williams, P.E.
District Engineer
Hollywood District

Enclosures (3): Source Class Code List
Vulnerability Assessment & Monitoring Frequency Guidelines
Thiobencarb Waiver Form

cc: Stetson Engineers (for systems in the San Gabriel, Raymond, & Central Basins)
861 Village Oaks Drive, Suite 100
Covina, CA 91724

Water Replenishment District (for systems in the Central Basin)
4040 Paramount Blvd.
Lakewood, CA 90712

West Basin Municipal Water District (for systems in the West Basin)
17140 S. Avalon Blvd., Suite 210
Carson, CA 90746-1296

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, DRINKING WATER FIELD OPERATIONS BRANCH

Source Class List

System Number	System Name	Source Number	Source Name	Class Code
CA1910246	LAND PROJECT MUTUAL WATER CO.	002	WELL 03	LGSC
CA1910246	LAND PROJECT MUTUAL WATER CO.	004	WELL 05	LGSC
CA1910246	LAND PROJECT MUTUAL WATER CO.	009	WELL 08	LGSC

CALIFORNIA DEPARTMENT OF PUBLIC HEALTH, DRINKING WATER FIELD OPERATIONS BRANCH

Vulnerability Assessment and Monitoring Frequency Guidelines

Source Class Code: LGSC, Community Water System, Groundwater, Population ≤ 3300

Monitoring Period: January 1, 2014 to December 31, 2016

System No. 1910246 - Land Project Mutual Water Co.

INORGANIC CHEMICALS Table 64431-A	MCL (mg/L)	Vulnerability	Monitoring Frequency
Aluminum (See Also Secondary Standards)	1.	N/A	Every Three Years
Antimony	0.006	N/A	Every Three Years
Arsenic	0.010	N/A	Every Three Years
Asbestos	7 MFL*	Non-Vulnerable Vulnerable	Waived Once during this period if your source(s) is listed in the Asbestos Table**
Barium	1.	N/A	Every Three Years
Beryllium	0.004	N/A	Every Three Years
Cadmium	0.005	N/A	Every Three Years
Chromium	0.05	N/A	Every Three Years
Cyanide	0.15	Vulnerable	Every Three Years
Fluoride	2.0	N/A	Every Three Years
Mercury	0.002	N/A	Every Three Years
Nickel	0.1	N/A	Every Three Years
Nitrate (as NO ₃)	45.	N/A	Annually if < 1/2 MCL Quarterly if ≥ 1/2 MCL but ≤ MCL
Nitrite (as Nitrogen)	1.0	N/A	Every Three Years if < 1/2 MCL Quarterly if ≥ 1/2 MCL but ≤ MCL
Perchlorate	0.006	N/A	Every Three Years Annually if your source(s) is listed in the Perchlorate Table*** Quarterly if ≥ DLR but ≤ MCL
Selenium	0.05	N/A	Every Three Years
Thallium	0.002	N/A	Every Three Years

*MFL - Million fibers per liter; MCL for fibers exceeding 10 um in length

**The Department has determined certain sources to be vulnerable to asbestos contamination due to a review of USGS information. The attached Asbestos Table indicates which source is vulnerable to asbestos. You do not need to conduct monitoring if an Asbestos Table is not attached.

***The Department requires some sources to have annual perchlorate monitoring due to known contamination. The attached Perchlorate Table indicates which source needs annual perchlorate monitoring. You do not need to conduct annual monitoring if a Perchlorate Table is not attached.

GENERAL MINERAL Section 64449 (b)(2)	MCL (mg/L)	Vulnerability	Monitoring Frequency
Bicarbonate Alkalinity	---	N/A	Every Three Years
Calcium	---	N/A	Every Three Years
Carbonate Alkalinity	---	N/A	Every Three Years
Hydroxide Alkalinity	---	N/A	Every Three Years
Magnesium	---	N/A	Every Three Years
Sodium	---	N/A	Every Three Years
Total Hardness	---	N/A	Every Three Years
pH	---	N/A	Every Three Years
SECONDARY STANDARDS Tables 64449-A	MCL (mg/L)	Vulnerability	Monitoring Frequency
Aluminum	0.2 mg/L	N/A	Every Three Years
Color	15 Units	N/A	Every Three Years
Copper	1.0 mg/L	N/A	Every Three Years
Foaming Agents (MBAS)	0.5 mg/L	N/A	Every Three Years
Iron	0.3 mg/L	N/A	Every Three Years
Manganese	0.05 mg/L	N/A	Every Three Years
Odor - Threshold	3 Units	N/A	Every Three Years
Silver	0.1 mg/L	N/A	Every Three Years
Thiobencarb	0.001 mg/L	N/A	Follow monitoring requirement in Table 64444-A Part (b)
Turbidity	5 NTU	N/A	Every Three Years
Zinc	5.0 mg/L	N/A	Every Three Years
Methyl- <i>tert</i> -butyl ether (MTBE)	0.005 mg/L	N/A	Follow monitoring requirement in Table 64444-A Part (a)
SECONDARY STANDARDS Tables 64449-B	MCL (mg/L)	Vulnerability	Monitoring Frequency
Total Dissolved Solids (TDS)	500-1000 mg/L	N/A	Every Three Years
Specific Conductance	900 - 1600 umhos	N/A	Every Three Years
Chloride	250-500 mg/L	N/A	Every Three Years
Sulfate	250-500 mg/L	N/A	Every Three Years
RADIONUCLIDES Sections 64442 and 64443	MCL (pCi/L)	Vulnerability	Monitoring Frequency
Gross Alpha Particle Activity	15	Based on your last round of monitoring results	
Combined Radium-226 and Radium-228	5	<ul style="list-style-type: none"> < DLR, collect 1 sample in 9 years ≥ DLR but ≤ 1/2 MCL, collect 1 sample in 6 years > 1/2 MCL but ≤ MCL, collect 1 sample in 3 years 	
Uranium	20	Please refer to the most recent CDPH letter regarding radionuclide monitoring for your sources.	
Tritium	20,000	Non-Vulnerable, unless notified by CDPH	Waived, unless notified by CDPH
Strontium	8		
Beta/Photon emitters	4 millirem/year		

VOLATILE ORGANIC CHEMICALS (VOCs) Table 6444-A Part (a)	MCL (mg/L)	Vulnerability	Monitoring Frequency
Benzene	0.001	Vulnerable	Annually Quarterly if \geq DLR but \leq MCL Monthly if $>$ MCL
Carbon Tetrachloride	0.0005	Vulnerable	As Above
1,2-Dichlorobenzene	0.6	Vulnerable	As Above
1,4-Dichlorobenzene	0.005	Vulnerable	As Above
1,1-Dichloroethane	0.005	Vulnerable	As Above
1,2-Dichloroethane	0.0005	Vulnerable	As Above
1,1-Dichloroethylene	0.006	Vulnerable	As Above
cis-1,2-Dichloroethylene	0.006	Vulnerable	As Above
trans-1,2-Dichloroethylene	0.01	Vulnerable	As Above
Dichloromethane	0.005	Vulnerable	As Above
1,2-Dichloropropane	0.005	Vulnerable	As Above
1,3-Dichloropropene	0.0005	Vulnerable	As Above
Ethylbenzene	0.3	Vulnerable	As Above
Methyl-tert-butyl ether (MTBE)	0.013	Vulnerable	As Above
Monochlorobenzene	0.07	Vulnerable	As Above
Styrene	0.1	Vulnerable	As Above
1,1,2,2-Tetrachloroethane	0.001	Vulnerable	As Above
Tetrachloroethylene	0.005	Vulnerable	As Above
Toluene	0.15	Vulnerable	As Above
1,2,4-Trichlorobenzene	0.005	Vulnerable	As Above
1,1,1-Trichloroethane	0.200	Vulnerable	As Above
1,1,2-Trichloroethane	0.005	Vulnerable	As Above
Trichlorofluoromethane	0.15	Vulnerable	As Above
1,1,2-Trichloro-1,2,2-trifluoroethane	1.2	Vulnerable	As Above
Trichloroethylene	0.005	Vulnerable	As Above
Vinyl Chloride	0.0005	Vulnerable	As Above
Xylenes	1.750	Vulnerable	As Above

SYNTHETIC ORGANIC CHEMICALS (SOCs) Table 64444-A Part (b)	MCL (mg/L)	Vulnerability	Monitoring Frequency
Alachlor	0.002	Vulnerable	Every Three Years
Atrazine	0.001	Vulnerable	Every Three Years
Benflazone	0.018	Vulnerable	Every Three Years
Benzo (a) pyrene	0.0002	Non-Vulnerable	Waived
Carbofuran	0.018	Non-Vulnerable	Waived
Chlordane	0.0001	Non-Vulnerable	Waived
2,4-D	0.07	Vulnerable	Every Three Years
Dalapon	0.2	Non-Vulnerable	Waived
1,2-Dibromo-3-chloropropane (DBCP)	0.0002	Non-Vulnerable	Waived
Di (2-ethylhexyl) adipate	0.4	Non-Vulnerable	Waived
Di (2-ethylhexyl) phthalate (DEHP)	0.004	Vulnerable	Every Three Years
Dinoseb	0.007	Vulnerable	Every Three Years
Diquat	0.02	Vulnerable	Every Three Years
Endosulfan	0.1	Vulnerable	Every Three Years
Endrin	0.002	Non-Vulnerable	Waived
Ethylene Dibromide (EDB)	0.00005	Non-Vulnerable	Waived
Glyphosate	0.7	Vulnerable	Every Three Years
Heptachlor	0.00001	Non-Vulnerable	Waived
Heptachlor Epoxide	0.00001	Non-Vulnerable	Waived
Hexachlorobenzene	0.001	Non-Vulnerable	Waived
Hexachlorocyclopentadiene	0.05	Non-Vulnerable	Waived
Lindane	0.0002	Vulnerable	Every Three Years
Methoxychlor	0.03	Vulnerable	Every Three Years
Molinate	0.02	Non-Vulnerable	Waived
Oxamyl (Vydate)	0.05	Non-Vulnerable	Waived
Pentachlorophenol	0.001	Vulnerable	Every Three Years
Picloram	0.5	Non-Vulnerable	Waived
Polychlorinated Biphenyls (PCBs)	0.0005	Non-Vulnerable	Waived
Simazine	0.004	Vulnerable	Every Three Years
Thiobencarb	0.07	Vulnerable	Every Three Years
Toxaphene	0.003	Vulnerable	Every Three Years
2,3,7,8-TCDD (Dioxin)	3x10-8	Non-Vulnerable	Waived
2,4,5-TP (Silvex)	0.05	Non-Vulnerable	Waived

Thiobencarb Waiver Form 2014-2016

PWS 7 Digit Number: CA	PWS Name:
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Purpose:

This form is to be used for water systems wishing to obtain thiobencarb monitoring waivers for the 2nd Period of the Third Compliance Cycle (January 1, 2014 to December 31, 2016). Any water system choosing to request a monitoring waiver for the 2nd Period must submit this form by January 17, 2014.

Directions:

In order to be waived for thiobencarb monitoring during the 2nd Period, you will need to attach at least three (3) periods of the most recent thiobencarb monitoring results to this Waiver Form. The monitoring results must be non-detect (ND). Please list the active sources for which you would like to get the monitoring waiver in the Table 1 on Page 2.

Steps of completing this Certificate:

1. List the sources to be waived for thiobencarb monitoring in Table 1
2. Attach the monitoring results to this Waiver Form
3. Send the packet back to the Department

Sources that do not have three (3) periods of thiobencarb monitoring results are not eligible for the monitoring waiver for the 2nd Period. You will need to monitor for thiobencarb based on the frequency listed in the Vulnerability Assessment and Monitoring Frequency Guidelines. You do not need to return this waiver form to the Department if all of your sources are ineligible or you do not wish to apply for the waivers.

ATTACHMENT NO. 2

Instructions for Tier 3 Monitoring Violations Annual Notice Template

Template Attached

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

Notification Methods

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

<i>If You Are a...</i>	<i>You Must Notify Consumers by...</i>	<i>...and By One or More of the Following Methods to Reach Persons Not Likely to be Reached by the Previous Method...</i>
Community Water System [64463.7(c)(1)]	Mail or direct delivery ^(a)	Publication in a local newspaper
		Posting ^(b) in conspicuous public places served by the water system or on the Internet
		Delivery to community organizations
Non-Community Water System [64463.7(c)(2)]	Posting in conspicuous locations throughout the area served by the water system ^(b)	Publication in a local newspaper or newsletter distributed to customers
		Email message to employees or students
		Posting ^(b) on the Internet or intranet
		Direct delivery to each customer

(a) Notice must be distributed to each customer receiving a bill including those that provide their drinking water to others (e.g., schools or school systems, apartment building owners, or large private employers), and other service connections to which water is delivered by the water system.

(b) Notice must be posted in place for as long as the violation or occurrence continues, but in no case less than seven days.

The notice attached is appropriate for the methods described above, insertion in an annual notice, or included in the Consumer Confidence Report¹. However, you may wish to modify it before using it for posting. If you do, you must still include all the required elements and leave the standard language for monitoring and testing

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

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

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

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

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

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

Multilingual Requirement

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

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

Population Served

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

Corrective Actions

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

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

After Issuing the Notice

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

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

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

IMPORTANT INFORMATION ABOUT YOUR DRINKING WATER

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

Monitoring Requirements Not Met for [System]

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

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

What should I do?

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

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

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

What happened? What is being done?

[Describe corrective action].

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

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

Secondary Notification Requirements

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

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

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

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

ATTACHMENT NO. 3

PROOF OF NOTIFICATION

Name of Water System: Land Projects Mutual Water Company

System Number: 1910246

**Certification of Notification for
Tier 3 Title 22 Monitoring Violation**

As required by California Code of Regulations (CCR), Title 22, Section 64463.4, I notified the users of the water supplied by Land Projects Mutual Water Company of the violation of Section 64432(c)(1), Section 64445.1(b)(1)(3), and Section 64449(b)(1)(2), Title 22, California Code of Regulations. I complied with the requirement to conduct public notification as indicated below:

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

Signature of Water System Representative

Date

ATTACH A COPY OF THE NOTICE USED.

**THIS FORM MUST BE COMPLETED AND RETURNED TO
THE DIVISION OF DRINKING WATER by XXXXXXXXXXXX**