

STATE WATER RESOURCES CONTROL BOARD
 DRINKING WATER FIELD OPERATIONS BRANCH
2014 SANITARY SURVEY DEFICIENCY LIST
 (Includes status of deficiencies noted during the 2013 Sanitary Survey)

Purveyor: **Lompico Water District**
 System No. **4410015**
 Date of Inspection: **July 29, 2014**
 Reviewing Engineer: **Jonathan Weininger**

Updated by: _____
 Date: _____

Date Found	Description of <u>Existing</u> Deficiency	Order of Hazard	Date to Address Deficiency	Date Corrected	
				Reported	Verified
SOURCES					
5/21/2013	Pump Tests: Please conduct pump tests on all District groundwater sources and send the results to the Division.	N/A	N/A		
TREATMENT					
5/21/2013	Mill Creek WTP Backup Power. The Department recommends the District purchase and install backup power at the Mill Creek WTP.	N/A			
STORAGE					
9/9/2011	Upper Lewis (Lewis 2)/ Kaski Tanks 1 and 2: Lompico CWD must submit to the Department a plan and schedule for repairing all leaking distribution reservoirs. The schedule and plan must be submitted by May 10, 2012 . 2014 Update: Upper Lewis and Kaski Tanks 1 and 2 shall be rehabbed or replaced by the District by December 31, 2015. Lower Lewis shall be replaced by December 31, 2017.	A	Action by 12/31/2015 / 12/31/2017		
7/29/2014	Tank Roof Hatches: All tanks shall have a watertight roof hatch, which prevents pooled water and the outside environment from entering the tank.	B	12/31/2014		
WATER QUALITY AND MONITORING					
5/21/2013	Copper AL Exceedence: The District exceeded the Copper AL for three consecutive monitoring periods. The District shall comply with directives for installation of copper treatment as listed in the May 31, 2013 letter to the District.	A	Per Copper AL letter		
5/21/2013	Well 5 Iron, Manganese, and Turbidity: Well 5 was found to be above the Secondary MCL for iron, manganese, and turbidity. These constituents shall be monitored quarterly.	C	Ongoing		
5/21/2013	Well 7A Iron, Manganese, Color, and Turbidity: Well 7A was found to be above the Secondary MCL for iron, manganese, color, and turbidity. These constituents shall be monitored quarterly.	C	Ongoing		

ORDER OF HAZARD:

- A. CRITICAL HEALTH HAZARD - CORRECTIVE ACTION MUST BE TAKEN IMMEDIATELY**
- B. SERIOUS HEALTH HAZARD - ACTION MUST BE TAKEN AS SOON AS POSSIBLE**
- C. POTENTIAL HEALTH HAZARD - MUST BE CORRECTED AS WORK LOAD PERMITS**
- D. SYSTEM OR OPERATIONAL DEFECT RESULTING IN POOR WATERWORKS PRACTICE**

STATE WATER RESOURCES CONTROL BOARD
DRINKING WATER FIELD OPERATIONS BRANCH
COMPLETED DEFICIENCIES

Purveyor: **Lompico Water District**
System No. **4410015**
Date of Inspection: **July 29, 2014**
Reviewing Engineer: **Jonathan Weininger**

Date Found	Description of <u>Completed</u> Deficiency	Order of Hazard	Date to Address Deficiency	Date Corrected	
				Reported	Verified
SOURCES					
9/9/2011 & 5/21/2013	Source Capacity Planning Study: Lompico CWD must conduct a source capacity planning study pursuant to Section 64558 of the California Code of Regulations and submit the results to the Department by July 31, 2012 . The study shall include the production capacity for all active groundwater sources based on a recent dry season constant-rate pump test (i.e., performed within the last 3 years) pursuant to Section 64554, Title 22, CCR. In addition, Lompico CWD must include the date and duration of any water shortage and/or low pressure incident that occurred in the past 2 years due to insufficient source capacity or a source being out of service.	A	12/10/2013		Added emergency connection to SLVWD - 7/29/2014
TREATMENT					
9/9/2011 & 5/24/2013	Mill Creek WTP GAC: The Lompico CWD must inspect the inside of the GAC filters to determine the condition of the filter media. Pressure gages should be installed to measure the differential pressure across the filters. Sample taps should be installed on the effluent piping for each GAC filter at a point before chlorine injection. Proof of completion must be submitted to the Department by June 10, 2012 . 2014 Update: The filters were inspected along with the Division in 2014. The filter media is past its useful life and should not be used. The GAC filters have been disconnected from the Mill Creek SWTP.	C	When re-activating GAC Vessels		3/25/2014
9/9/2011 & 5/21/2013	Mill Creek WTP Operations Plan: The Lompico CWD must prepare a Treatment Plant Operations Plan for the Mill Creek plant in accordance with Section 64661 of Title 22. The Operations Plan must be submitted to the Department by July 31, 2012 . 2014 Update: An Operations Plan was submitted to the Division on January 23, 2014	A	12/31/2013		1/23/2014

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9/9/2011	<p>Mill Creek WTP: The Lompico CWD must have a written plan for obtaining standby replacement equipment needed for the operation and control of the unit processes for filtration in an emergency. The plan must include the name and function of each necessary part, from whom each part can be obtained, how long it would take to obtain the part, who should be contacted for installation if it can't be installed by the certified treatment operator, and how long it would take for installation to be completed once the replacement part is onsite. A copy of the plan must be included in the Operations Plan required in No. 17 above, and also be available in the water system office. In addition, Lompico must review the filtration parts replacement plan annually to ensure that all information is current, and update as necessary. Please submit a copy of the initial Filter Part Replacement Plan to the Department by April 10, 2012. A copy of the updated plan must be submitted to the Department annually.</p> <p>2014 Update: Mill Creek WTP Operations plan submitted on January 23, 2014.</p>	B	12/31/2013 - with Operations Plan		1/23/2014
STORAGE					
9/9/2011	<p>Tank Cleanings: The Lompico CWD must submit to the Department a plan and schedule for conducting professional inspections and cleaning of all distribution reservoirs. After cleaning or repairs are completed, the reservoir must be disinfected in accordance with Section 64582 of Title 22. Inspection reports must be submitted to the Department. The plan and schedule must be submitted by May 10, 2012.</p>	D		5/23/2012 - Need copy of dive report	7/29/2014
OPERATIONS AND MAINTENANCE					
5/21/2013	<p>Implementation of a Cross Connection Control Program: The District shall track all backflow prevention devices located within the District's service area. The District shall adopt and enforce a cross connection control ordinance which gives the District the legal authority to require homeowners with backflow prevention devices to submit proof of annual testing at the threat of termination of service. The District shall submit proof of Board adoption of a cross connection control ordinance and a list of all backflow prevention devices and dates of last testing to the Department.</p> <p>2014 Update: Cross Connection Ordinance adopted by Board of Directors on 11/19/2013. All backflow devices anticipated to be exercised in 2014.</p>	A	5/1/2014		7/29/2014

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5/21/2013	Valve Maintenance Program: The District shall implement a valve maintenance program which includes exercising all critical valves annually and all other valves at a regular schedule. Please provide the Department with documentation detailing the District's valve maintenance program/protocol. Valves which fail shall be repaired or replaced. All valve exercising shall be recorded and stored at the District's office.	C	12/31/2013		2/20/2014
5/21/2013	Dead End Flushing Program: The District shall implement a dead end flushing program. The program shall identify dead ends which have been deemed problematic due to historic stagnant water or poor water quality. These dead ends shall be exercised periodically. Please provide documentation to the Department with a written protocol of the program. All dead end flushing shall be recorded by the District and stored at the District's office. 2014 Update: A dead end flushing and Valve Maintenance plan was sent to the Division on February 20, 2014.	C	12/31/2013		2/20/2014
WATER QUALITY AND MONITORING					
9/9/2011 & 5/21/2013	Well 5 & 7A Iron and Manganese: has iron in exceedence of 5 times the maximum contaminant level based on monitoring in December 2011, with historic results showing significantly higher iron levels. Lompico CWD must submit a plan and schedule to the Department by May 10, 2012 for rehabilitating the existing out-of-service iron removal plant, or installing new treatment for removing iron from the water from Well 7A. The Department must approve any proposal prior to implementation. 2014 Update: The Lewis WTP has been installed (August 2014)	A	12/31/2013		Aug-14
5/21/2013	Stage 1 DBPR MCL Exceedence: The District exceeded the TTHM MCL in the second quarter of 2013. The District shall comply with the compliance order to be issued subsequent to this report and associated directives by the dates listed within the compliance order.	A	Per Compliance Order		Quarterly RAA below TTHM MCL
5/21/2013	Water Quality Monitoring Plan: The District shall assemble a water quality monitoring plan which details all applicable source monitoring, lead and copper monitoring, disinfection by product monitoring, etc.	D			Monitoring current
OPERATOR CERTIFICATION					
11/1/2013	Chief Operator: The District shall employ a D2 and T2 operator(s) to act as distribution and treatment chief operator(s).	A	12/31/2013		Mike Mathiasen satisfies requirement 7/29/2014

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WATER SYSTEM MANAGEMENT					
5/21/2013	Staffing: The Department recommends the District add a full or part time manager to bridge the gap between the board of directors and operations staff.	N/A			Mike Mathiasen satisfies requirement 7/29/2014