

HEBER PUBLIC UTILITY DISTRICT REPORT TO BOARD OF DIRECTORS

MEETING DATE: July 19, 2018

FROM: Laura Fischer, General Manager

SUBJECT: Authorize the preparation and submittal of a Request for Proposal for the Completion of a Cross Connection Control Survey.

ISSUE:

Shall the Board of Directors authorize the preparation and submittal of a Request for Proposal for the completion of a Cross Connection Control Survey?

GENERAL MANAGER'S RECOMMENDATION:

The Cross Connection Control Survey must be completed by a Certified Cross Connection Control Specialist every five years. HPUD completed a Cross Connection Control Survey in 2013. Thus, it is recommended that the Board of Directors authorize the preparation and submittal of a Request for Proposal for the completion of a Cross Connection Control Survey.

FISCAL IMPACT: \$500 advertising cost, which is included in the Water Fund FY 2018-19 budget. Staff will bring the proposals back before the Board to authorize award of successful proposal. Funding for the survey has been included in the Water Fund FY 2018-19 budget.

DISCUSSION:

The purpose of the cross connection control program is to reduce the hazard of contamination of the public water system by identifying actual and potential cross connections and taking action to protect the system from these hazards. This is accomplished by installing backflow prevention assemblies where hazards are identified; or ensuring that water-using equipment on the premises is installed in accordance with plumbing code requirements and good practice.

What are cross connections?

Cross connections are actual and potential unprotected connections between a potable water system and any source or system containing unapproved water or a substance which is not safe. Examples of cross connections include:

1. Improperly installed irrigation systems that may allow backsiphonage of stagnant, bacteriologically unsafe water into the piping system.
2. Improperly plumbed water-using devices such as hot-tubs, boilers or commercial dishwashers which may allow unsafe water back into the domestic piping system.
3. Irrigation systems served by an auxiliary source, such as a private well or creek. Such systems create a potential for major contamination of the public water system via interties with the domestic piping system.

4. Interconnections between the potable system and a non-potable system.

What the Regulations Require

Section 7584 of the California Code of Regulations requires that each public water system have a cross connection control program that includes these elements:

1. The adoption of operating rules or ordinances to implement the cross connection program. *HPUD has adopted Ordinance 222, which establishes Cross Connection Control Requirements.*
2. The conducting of surveys to identify water user premises where cross connections exist or are likely to occur. *HPUD completed a CCCS in 2013.*
3. The provisions of backflow protection by the water user at all connections where a cross connection hazard has been identified. *Annually HPUD staff ensures that all backflow devices are inspected and working properly.*
4. The provision of at least one person trained in cross connection control to carry out the program. *HPUD hires through the RFP process a Cross Connection Control Specialist to perform the survey.*
5. The establishment of a procedure or system for testing backflow prevention assemblies. *HPUD has an established procedure and system to ensure all backflow prevention devices are tested annually.*
6. The maintenance of records of locations, tests, and repairs of backflow prevention assemblies within each water supplier's distribution system. *HPUD maintains these records.*

CONCLUSION:

As the Cross Connection Control Survey is important to ensure water quality and public health, it is recommended that the Board authorize the preparation and submittal of a Request for Proposal to complete a Cross Connection Control Survey.

ALTERNATIVES:

- 1) Provide alternative direction to staff.

Respectfully Submitted,

Laura Fischer, General Manager