

DAVID Y. IGE  
GOVERNOR OF HAWAII



BRUCE S. ANDERSON, Ph.D.  
DIRECTOR OF HEALTH

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
SAFE DRINKING WATER BRANCH  
ULUAKUPU BLDG. 4  
2385 WAIMANO HOME ROAD, SUITE 110  
PEARL CITY, HI 96782

In reply, please refer to:  
File: SDWB  
Kula Nani25.docx

June 25, 2019

Kula Nani Estates Community Assn.  
P.O. Box 537  
Kula, HI 96790

Dear Public Water System Purveyor:

SUBJECT: Lead Service Line (LSL) Survey

The increasing national spotlight on lead in drinking water is highlighted by the major incident in Flint, Michigan and the American Water Works Association's April 2016 *Journal-AWWA*. These events, along with the 2018 American Water Infrastructure Act's requirement for a new Needs Survey which includes a cost assessment for LSL replacement, are refocusing the water industry's attention to the health risks associated with lead exposure. Even low levels of exposure have been linked to severe health problems including learning disabilities, shorter stature, and impaired hearing to name a few. Children and pregnant women are particularly at risk. Purveyors of water systems play a critical role in identifying LSL occurrence and helping develop the long-term strategy for LSL replacement. Challenges to LSL identification and replacement in Hawaii are listed below:

- *Identifying LSL Occurrence:* Because the location of most LSLs is unknown, identifying areas where they most likely exist is a major challenge.
- *Preparing an Inventory of LSLs:* LSL inventories compile existing data from many historic and living sources. Some of these sources include installation records, service cards/tickets, construction records, plumbing permits, field experience and reports, parcel records, distribution maps, and historical and current Capital Improvement Plans (CIP).
- *Avoiding partial LSL Replacement:* Because of the known increase in risk related to partial LSL replacement, a coordinated and community-based approach that includes the building occupants and property owners should be developed.

Your response will provide the initial data required to move forward with the analysis of LSL occurrence statewide in Hawaii. For this purpose, the Safe Drinking Water Branch has prepared the "Hawaii Statewide Service Line Survey" to obtain estimates of LSL occurrence in Hawaii's many Public Water Systems and to further assess to what extent LSLs are a problem in Hawaii.

In order to protect the public's health, it is imperative that we work together to identify and develop a multi-stakeholder driven LSL replacement strategy tailored to the

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conditions in Hawaii. Please take time to complete this survey as thoroughly and accurately as possible. Return your completed survey to the email or mail address at the end of the survey by **Friday, August 30, 2019.**

If there are any questions, please call Mr. Michael Miyahira, Supervisor of the SDWB Engineering Section at (808) 586-4258.

Sincerely,

A handwritten signature in cursive script, appearing to read "Joanna L. Seto".

JOANNA L. SETO, P.E., CHIEF  
Safe Drinking Water Branch

Enclosures

c: Mr. Race Hozaki  
[via race.hozaki@puralwater.com only]



# Hawaii Statewide Service Line Survey

This survey is also available on our website: [health.hawaii.gov/sdwb/](http://health.hawaii.gov/sdwb/)

Name of System: Kula Nani                      Island: Maui  
 Name of Purveyor: Kula Nani Estates Community Assn    Owner Type: Investor    PWS ID No. 255  
 Population Served: 80    Number of Service Connections: 34  
 Person Filling Out Information: Race Hozaki                      Date: 7/23/2019  
 Position: Pural Water- DRC    Phone: 870-7646

**1. Are the following types of material used in the service lines?**

	YES	EST%	NO
Lead	<input type="checkbox"/>		<input type="checkbox"/>
Copper	<input checked="" type="checkbox"/>	<u>100%</u>	<input type="checkbox"/>
Galvanized Iron	<input type="checkbox"/>		<input type="checkbox"/>
PVC or other plastic pipe material	<input type="checkbox"/>		<input type="checkbox"/>
Other, please identify:	<input type="checkbox"/>		<input type="checkbox"/>
Unknown	<input type="checkbox"/>		<input type="checkbox"/>

**2. If lead service lines (LSL), galvanized service lines (GSL) or lead components are known or were found, please attach a list of locations, addresses, or a system map showing identified locations.**

**3. How is this information documented?**

- Database
  - Integrated GIS Layer
  - Other: as built
- 
- 

**4. Do you have a lead service line replacement program for your system?**

- Yes
- No

(Survey continues on the back.)

5. Do you have a lead service line replacement program for your system?

- Yes  No

If yes, please briefly explain the program:

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6. Which of the following historical search methods did you deploy to determine the existence of 1) LSLs, 2) GSLs with lead components (goose-necks, pig-tails) or 3) other lead components in your system? Check all that apply.

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> System Construction Records                     | <input type="checkbox"/> Anecdotal Information from Other Agency Staff<br>Name of Agency: _____ |
| <input type="checkbox"/> Other Agency Construction Records<br>Name of Agency: _____ | <input type="checkbox"/> Field Verification<br>Method Used: _____                               |
| <input type="checkbox"/> Systems Correspondence Files                               | <input type="checkbox"/> Other: _____<br>_____  |
| <input type="checkbox"/> Anecdotal Information from Staff                           |   |

Should you need assistance or have any questions regarding completing this survey, please contact:

Mr. Michael Miyahira, Engineering Section Supervisor  
Department of Health  
Environmental Management Division  
Safe Drinking Water Branch  
Uluakupu Bldg 4  
2385 Waimano Home Road, Suite 110  
Pearl City, Hawaii 96782  
Phone: (808) 586-4258.  
Email: sdwb@doh.hawaii.gov

Mahalo!

